

## Anti-NUF2 Antibody Picoband®

Catalog Number: A03788-2

### About NUF2

Kinetochore protein Nuf2 is a protein that in humans is encoded by the NUF2 gene. This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved protein complex associated with the centromere. Yeast Nuf2 disappears from the centromere during meiotic prophase when centromeres lose their connection to the spindle pole body, and plays a regulatory role in chromosome segregation. The encoded protein is found to be associated with centromeres of mitotic HeLa cells, which suggests that this protein is a functional homolog of yeast Nuf2. Alternatively spliced transcript variants that encode the same protein have been described.

### Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



### Overview

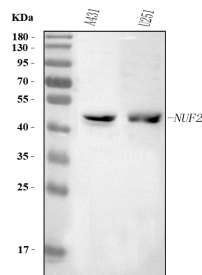
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-NUF2 Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactive Species     | Human                                                                                                                                                                                                                                                                                                                                                                                                            |
| Description          | Boster Bio Anti-NUF2 Antibody Picoband® catalog # A03788-2. Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application          | ELISA, WB                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formulation          | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                                                                                                                                                                                                                        |
| Storage Instructions | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.                                                                                                                                                                                                                |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                           |
| Uniprot ID           | Q9BZD4                                                                                                                                                                                                                                                                                                                                                                                                           |

### Technical Details

|                               |                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------|
| Immunogen                     | E.coli-derived human NUF2 recombinant protein (Position: M1-Q297).                        |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western |

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
|                     | blot.                                                                     |
| Cross Reactivity    | No cross-reactivity with other proteins.                                  |
| Isotype             | Rabbit IgG                                                                |
| Form                | Lyophilized                                                               |
| Concentration       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml. |
| Purification        | Immunogen affinity purified.                                              |
| Suggested Dilutions | Western blot, 0.25-0.5 ug/ml, Human<br>ELISA, 0.1-0.5 ug/ml, -            |

## Anti-NUF2 Antibody Picoband® (A03788-2) Images



Western blot analysis of NUF2 using anti-NUF2 antibody (A03788-2). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A431 whole cell lysates, Lane 2: human U251 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NUF2 antigen affinity purified polyclonal antibody (Catalog # A03788-2) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for NUF2 at approximately 54 kDa. The expected band size for NUF2 is at 54 kDa.

### Anti-NUF2 Antibody

For Research Use Only. Not for use in diagnostic procedures.