

## Anti-INTS13 Antibody Picoband®

Catalog Number: A32419-2

### About INTS13

The drosophila homolog of asunder (asun) has been found to be involved in dynein-dynactin localization and the coordination of spermatogenesis.

### Overview

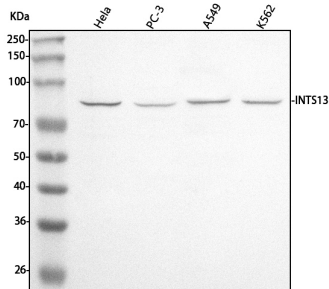
|                      |   |
|----------------------|---|
| Product Name         | Anti-INTS13 Antibody Picoband®  |
| Reactive Species     | Human   |
| Description          | Boster Bio Anti-INTS13 Antibody Picoband® catalog # A32419-2. Tested in ELISA, IF, ICC, WB applications. This antibody reacts 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, IF, ICC, 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           | Q9NVM9  |

### Technical Details

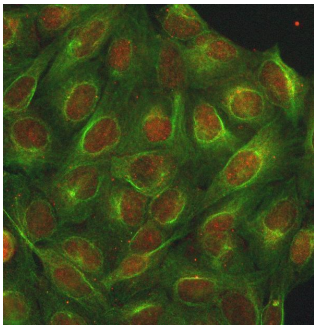
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|-------------------------------|---|
| Immunogen                     | E.coli-derived human INTS13 recombinant protein (Position: M1-H254). Human INTS13 shares 98.8% amino acid (aa) sequence identity with mouse INTS13.                           |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for ICC. |
| Cross Reactivity              | No cross reactivity with other proteins.  |
| Isotype                       | 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 µg/ml, Human   |

|  |   |
|--|---|
|  | Immunocytochemistry/Immunofluorescence, 5 ug/ml, Human<br>ELISA, 0.1-0.5 ug/ml, - |
|--|---|

## Anti-INTS13 Antibody Picoband® (A32419-2) Images



Western blot analysis of INTS13 using anti-INTS13 antibody (A32419-2). 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 HeLa whole cell lysates, Lane 2: human PC-3 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: human A562 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-INTS13 antigen affinity purified polyclonal antibody (Catalog # A32419-2) 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 INTS13 at approximately 85 kDa. The expected band size for INTS13 is at 80 kDa.



IF analysis of INTS13 using anti-INTS13 antibody (A32419-2) and anti-Beta Tubulin antibody (M01857-3). INTS13 was detected in immunocytochemical section of U2OS cell. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-INTS13 Antibody (A32419-2) and mouse anti-Beta Tubulin antibody (M01857-3) overnight at 4°C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) and DyLight®488 Conjugated Goat Anti-Mouse IgG (BA1126) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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### Anti-INTS13 Antibody

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