

## Anti-FAM129A/NIBAN1 Antibody Picoband®

Catalog Number: A07791-3

### About NIBAN1

This gene encodes a member of the family with sequence similarity 129 protein family. This gene is highly expressed in several cancer cells and may serve as a prognostic marker for certain cancers. The encoded protein may play a role in regulating p53-mediated apoptosis.

### Overview

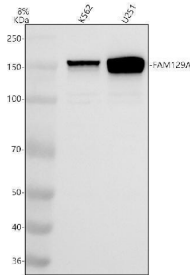
Product Name	Anti-FAM129A/NIBAN1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-FAM129A/NIBAN1 Antibody Picoband® catalog # A07791-3. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees 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, IP, IHC, 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	Q9BZQ8

### Technical Details

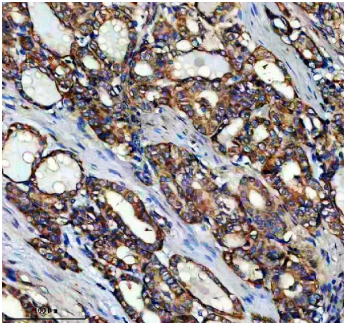
Immunogen	E.coli-derived human FAM129A/NIBAN1 recombinant protein (Position: S77-N762).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human Immunoprecipitation, 0.5-2 ug/ml, Human ELISA, 0.1-0.5 ug/ml



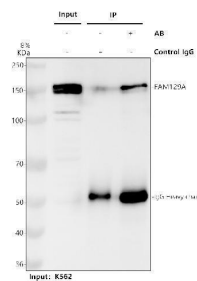
## Anti-FAM129A/NIBAN1 Antibody Picoband® (A07791-3) Images



Western blot analysis of FAM129A/NIBAN1 using anti-FAM129A/NIBAN1 antibody (A07791-3). Electrophoresis was performed on a 8% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human K562 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-FAM129A/NIBAN1 antigen affinity purified polyclonal antibody (A07791-3) 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for FAM129A/NIBAN1 at approximately 150 kDa. The expected band size for FAM129A/NIBAN1 is at 103 kDa.



IHC analysis of FAM129A/NIBAN1 using anti-FAM129A/NIBAN1 antibody (A07791-3). FAM129A/NIBAN1 was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-FAM129A/NIBAN1 Antibody (A07791-3) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



Immunoprecipitating FAM129A/NIBAN1 in K562 whole cell lysate. Western blot analysis of FAM129A/NIBAN1 using anti-FAM129A/NIBAN1 antibody (A07791-3). Lane 1: K562 whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-FAM129A/NIBAN1 antibody in K562 whole cell lysate, Lane 3: anti-FAM129A/NIBAN1 antibody (2ug) + K562 whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-FAM129A/NIBAN1 antigen affinity purified polyclonal antibody (A07791-3) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for FAM129A/NIBAN1 at approximately 150 kDa. The expected band size for FAM129A/NIBAN1 is at 103 kDa.

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Anti-FAM129A/NIBAN1 Antibody

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