

## Anti-SNX25 Antibody Picoband®

Catalog Number: A13669

### About SNX25

SNX25 (sorting nexin 25), also known as SBBI31 or MSTP043, is an 840 amino acid protein suggested to function in several stages of intracellular trafficking. A member of the sorting nexin family, SNX25 contains one PX (phox homology) domain, an RGS domain and one PXA domain. May be involved in several stages of intracellular trafficking.

### Overview

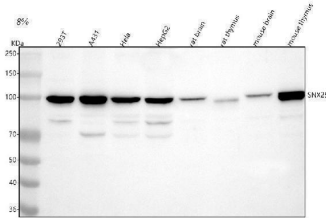
Product Name	Anti-SNX25 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SNX25 Antibody Picoband® catalog # A13669. Tested in WB, FCM, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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, Flow Cytometry, 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	Q9H3E2

### Technical Details

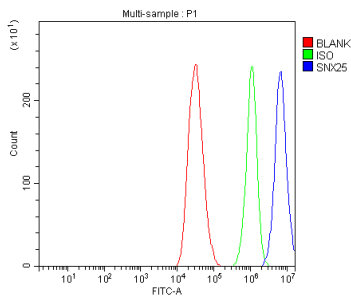
Immunogen	E.coli-derived human SNX25 recombinant protein (Position: H48-K584). Human SNX25 shares 86.4% amino acid (aa) sequence identity with mouse SNX25.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Form	Lyophilized
Concentration	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, Mouse, Rat Flow Cytometry (Fixed), 1-3 ug/1x10 <sup>6</sup> cells, Human

	ELISA, 0.1-0.5 ug/ml, -
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## Anti-SNX25 Antibody Picoband® (A13669) Images



Western blot analysis of SNX25 using anti-SNX25 antibody (A13669). 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 293T whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat thymus tissue lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse thymus tissue 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-SNX25 antigen affinity purified polyclonal antibody (Catalog # A13669) 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 SNX25 at approximately 100 kDa. The expected band size for SNX25 is at 98 kDa.



Flow Cytometry analysis of HepG2 cells using anti-SNX25 antibody (A13669). Overlay histogram showing HepG2 cells stained with A13669 (Blue line). The cells were fixed with 4% paraformaldehyde and blocked with 10% normal goat serum. And then incubated with rabbit anti-SNX25 Antibody (A13669, 1 ug/1x10<sup>6</sup> cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x10<sup>6</sup> cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10<sup>6</sup>) used under the same conditions. Unlabelled sample (Red line) was also used as a control.

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### Anti-SNX25 Antibody

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