

Anti-IKB epsilon/Nfkbie Antibody Picoband®

Catalog Number: A07073-1

About Nfkbie

Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon, also known as NFKBIE, is a protein which in humans is encoded by the NFKBIE gene. Predicted to be involved in D-serine transport. Predicted to act upstream of or within negative regulation of transcription, DNA-templated. Predicted to be located in several cellular components, including Golgi apparatus; nuclear lumen; and perinuclear region of cytoplasm. Is expressed in several structures, including central nervous system; dorsal root ganglion; eye; genitourinary system; and thymus. Orthologous to human NFKBIE (NFKB inhibitor epsilon).

Overview

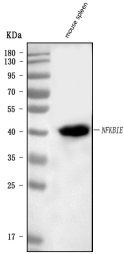
Product Name	Anti-IKB epsilon/Nfkbie Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-IKB epsilon/Nfkbie Antibody Picoband® catalog # A07073-1. Tested in ELISA, WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees 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 ₂ HPO ₄ .
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	O54910

Technical Details

Immunogen	E.coli-derived mouse IKB epsilon/Nfkbie recombinant protein (Position: Q111-D364).
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 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml/ml, Mouse ELISA, 0.1-0.5 ug/ml/ml, Mouse

Anti-IKB epsilon/Nfkbie Antibody Picoband® (A07073-1) Images



Western blot analysis of IKB epsilon/Nfkbie using anti-IKB epsilon/Nfkbie antibody (A07073-1). 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: mouse spleen 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-IKB epsilon/Nfkbie antigen affinity purified polyclonal antibody (Catalog # A07073-1) 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 IKB epsilon/Nfkbie at approximately 41 kDa. The expected band size for IKB epsilon/Nfkbie is at 53 kDa.

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.



Anti-IKB epsilon/Nfkbie Antibody

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