

Anti-IKK gamma/IKBKG Antibody

Catalog Number: PA1551

About Ikbkg

NF-kappa-B essential modulator (NEMO), also known as inhibitor of nuclear factor kappa-B kinase subunit gamma (IKK-gamma), is a protein that in humans is encoded by the IKBKG gene. This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome.

Overview

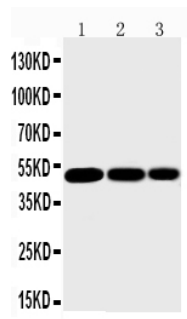
Product Name	Anti-IKK gamma/IKBKG Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-IKK gamma/IKBKG Antibody catalog # PA1551. Tested in WB applications. This antibody reacts with Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Storage Instructions	Store 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 freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O88522

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse IKK gamma, different from the relative rat sequence by three amino acids.
Predicted Reactive Species	Hamster
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Mouse</p>

Anti-IKK gamma/IKBKG Antibody (PA1551) Images



Anti-IKK gamma antibody, PA1551, Western blotting

Lane 1: Mouse Liver Tissue Lysate

Lane 2: Mouse Brain Tissue Lysate

Lane 3: Mouse Ovary Tissue Lysate

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