

IκB-β (phospho Ser23) Polyclonal Antibody

Catalog # AP67085

Product Information

Application WB, IHC-P, IF **Primary Accession** 015653

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW37771

Additional Information

Gene ID 4793

Other Names NFKBIB; IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-BIB;

I-kappa-B-beta; IkB-B; IkB-beta; IkappaBbeta; Thyroid receptor-interacting

protein 9; TR-interacting protein 9; TRIP-9

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name NFKBIB

Synonyms IKBB, TRIP9

Function Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm.

However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA-dependent inactivation. Association with inhibitor kappa B-interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it

more resistant to degradation, explaining its slower degradation.

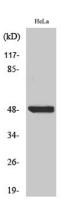
Cellular Location Cytoplasm. Nucleus.

Tissue Location Expressed in all tissues examined.

Background

Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. However, the unphosphorylated form resynthesized after cell stimulation is able to bind NF-kappa-B allowing its transport to the nucleus and protecting it to further NFKBIA- dependent inactivation. Association with inhibitor kappa B- interacting NKIRAS1 and NKIRAS2 prevent its phosphorylation rendering it more resistant to degradation, explaining its slower degradation.

Images



Western Blot analysis of various cells using Phospho-IκΒ-β (S23) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.