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IKB beta Antibody

Rabbit mAb
Catalog # AP90678

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	Q15653
Reactivity	Human
Clonality	Monoclonal
Other Names	I-kappa-B-beta; IkB-B; IkB-beta; IKBB; NF-kappa-BIB; NFKBIB; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	37771

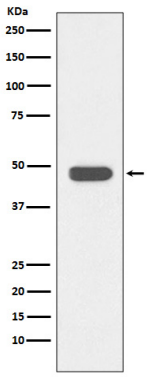
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IKB beta
Description	kB-beta a protein of the NF-kappa-B inhibitor family. 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 IKBA- dependent inactivation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images



Western blot analysis of IKB beta expression in Jurkat cell lysate.

Image not found : 202311/AP90678-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human uterus, using IKB beta Antibody.