

IKB beta Antibody
Rabbit mAb
Catalog # AP90678**Specification**

IKB beta Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	Q15653
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 Da

IKB beta Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A IP~~N/A
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.

IKB beta Antibody - 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.

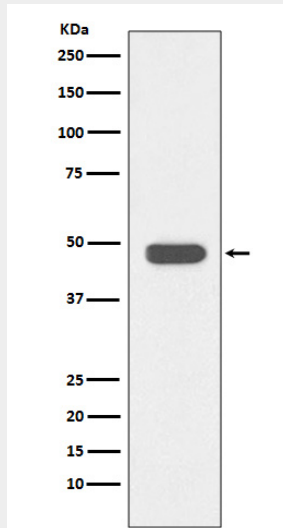
Tissue Location

Expressed in all tissues examined.

IKB beta Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IKB beta Antibody - Images

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