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IKB beta Rabbit mAb

Catalog # AP75605

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	Q15653
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	37771

Additional Information

Gene ID	4793
Other Names	NFKBIB
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:20-1:50 IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

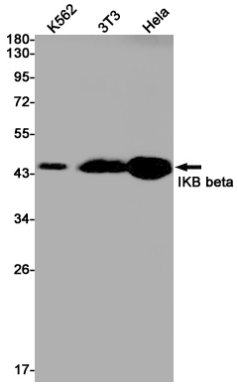
Protein Information

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.

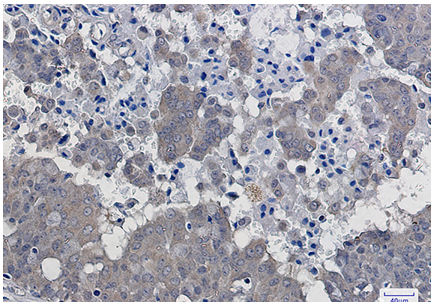
Background

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.

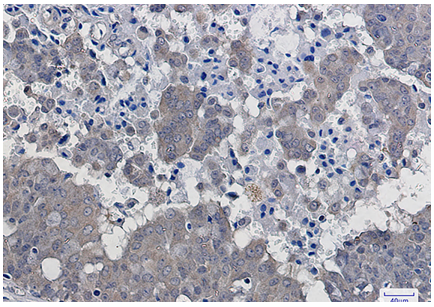
Images

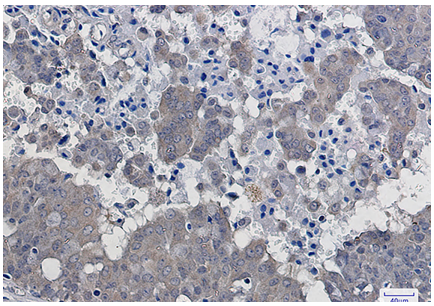


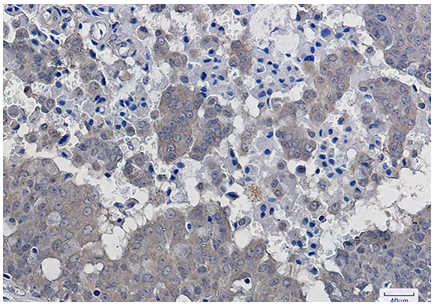
Western blot analysis of IKB beta in K562, 3T3, Hela lysates using IKB beta antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using IKB beta antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.







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