

Product Name: IKB beta Rabbit Monoclonal Antibody
Catalog #: AMRe02145



Summary

Production Name	IKB beta Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	NFKB1B NFKB1B; IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-B1B; I-kappa-B-beta; Ikb-B;
Alternative Names	Ikb-Beta; IkappaBbeta; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP-9
Gene ID	4793
SwissProt ID	Q15653.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 38 kDa; Observed MW: 48 kDa

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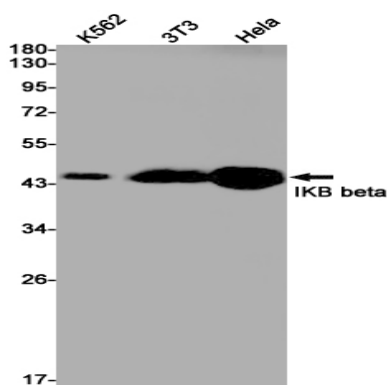
Background

IKB-beta is a protein of the NF-kappa-B inhibitor family. It 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 from further IKB-alpha-dependent inactivation.

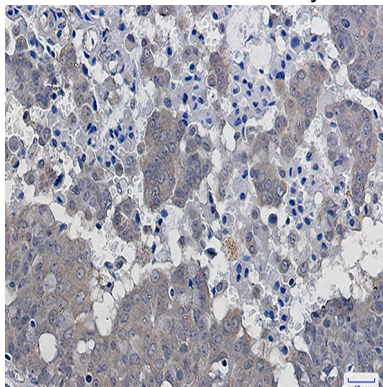
Research Area

Signal Transduction

Image Data



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.

Note

For research use only.