

Rabbit IκB Epsilon Polyclonal Antibody | anti-IκB Epsilon antibody

IκB Epsilon antibody

CATALOG # AAA107826	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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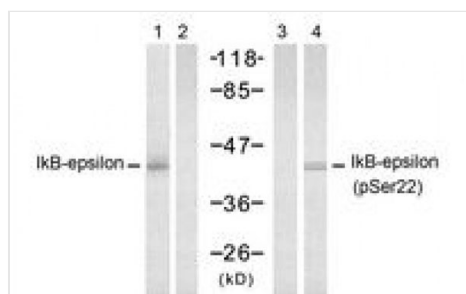
PRODUCT SYNONYMS

IκB Epsilon; Polyclonal Antibody; IκB Epsilon antibody; Polyclonal IκB Epsilon; Anti-IκB Epsilon; IκB-epsilon; Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor; IκB-E; IkappaBepsilon; IKBE; NFKBIE; NF-kappa-BIE; Phospho Ser22; NF-kappa-B inhibitor epsilon; I-kappa-B-epsilon; anti-IκB Epsilon antibody

PRODUCT SPECIFICATIONS

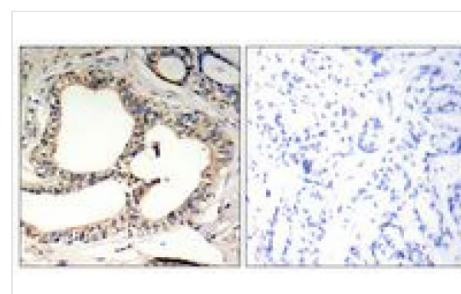
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	IκB Epsilon antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-IκB Epsilon antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Inhibits NF-kappa-B by complexing with and trapping it in the cytoplasm. Inhibits DNA-binding of NF-kappa-B p50-p65 and p50-c-Rel complexes. Belongs to the NF-kappa-B inhibitor family. Interacts with RELA, REL, NFKB1 nuclear factor NF-kappa-B p50 subunit and NFKB2 nuclear factor NF-kappa-B p52 subunit.
Cross-Reactivity	Human, Mouse
Immunogen	IκB Epsilon antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 22 (I-E-S(p)-L-R) derived from Human IκB-E as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated or treated with TNF using IκB-epsilon (Phospho-Ser22) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-epsilon (Phospho-Ser22) antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-IkB Epsilon antibody	Rabbit polyclonal IkB Epsilon antibody
Product Categories/Family for anti-IkB Epsilon antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2739158
NCBI GeneID	18037
UniProt Accession #	O54910; Q3U686; Q9CZZ9; Q9D7U3
Molecular Weight	39,200 Da
NCBI Official Full Name	IkB epsilon
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, epsilon
NCBI Official Symbol	Nfkbie
NCBI Official Synonym Symbols	IKBE; IkB-E; ikB-epsilon; NF-kappa-BIE; I-kappa-B-epsilon
NCBI Protein Information	NF-kappa-B inhibitor epsilon
UniProt Protein Name	NF-kappa-B inhibitor epsilon
UniProt Gene Name	Nfkbie
UniProt Synonym Gene Names	Ikbe; NF-kappa-BIE; IkB-E; IkB-epsilon; IkappaBepsilon
UniProt Entry Name	IKBE_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikb-epsilon-antibody-western-blot-immunohistochemistry-elisa/107826>