

Rabbit anti-Human, Mouse IκB-epsilon Polyclonal Antibody | anti-IκB-epsilon antibody

IκB-epsilon (Phospho-Ser22) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304773	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

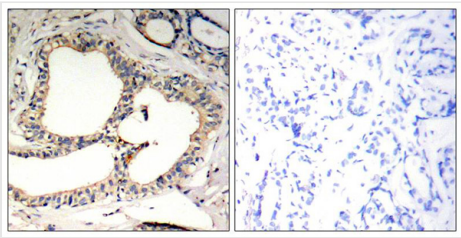
PRODUCT SYNONYMS

IκB-epsilon; Polyclonal Antibody; IκB-epsilon (Phospho-Ser22) Antibody; IκB-e (Phospho-Ser22) Antibody; I-kappa-B-epsilon; IκBE; IκappaBepsilon; NF-kappa-BIE; NF-kappaB inhibitor epsilon; anti-IκB-epsilon antibody

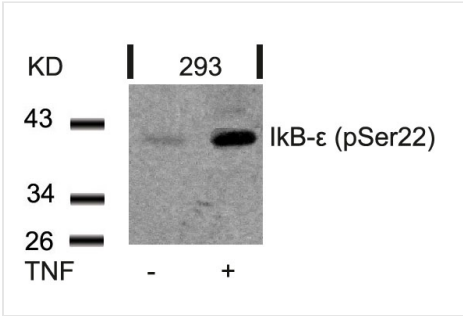
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of IκB-e only when phosphorylated at serine 22.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-IκB-epsilon antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 22 (I-E-S(p)-L-R) derived from Human IκB-e.
Modification	Phospho-Ser22
Target Name	IκB-e
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



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



WB (Western Blot)
Western blot analysis of extracts from 293 cells untreated or treated with TNF using IκB-ε(Phospho-Ser22) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IκB-epsilon antibody	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.
Product Categories/Family for anti-IκB-epsilon antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274109
NCBI GeneID	4794
NCBI Accession #	NP_004547.2
NCBI GenBank Nucleotide #	NM_004556.2
UniProt Accession #	O00221; Q5T9V9
Molecular Weight	52,864 Da
NCBI Official Full Name	NF-kappa-B inhibitor 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
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; IκB-E; IκB-epsilon; IkappaBepsilon
UniProt Entry Name	IKBE_HUMAN

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.