

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

IκB-epsilon (Phospho-Ser22) Antibody

CATALOG # AAA110989	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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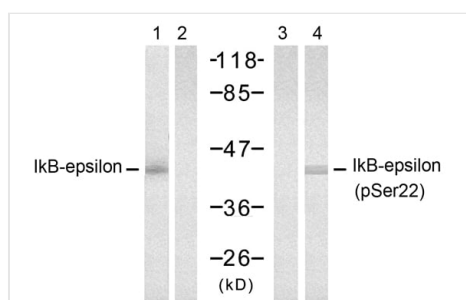
PRODUCT SYNONYMS

IκB-epsilon; IκB-epsilon (Phospho-Ser22) Antibody; anti-IκB-epsilon antibody

PRODUCT SPECIFICATIONS

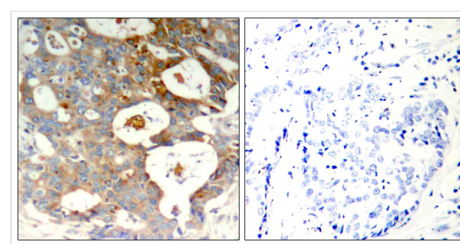
Reactivity	Human, Mouse
Specificity	IκB-epsilon (Phospho-Ser22) antibody detects endogenous levels of IκB-epsilon only when phosphorylated at serine 22.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	500
Applicable Applications for anti-IκB-epsilon antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IκB-epsilon around the phosphorylation site of serine 22 (I-E-SP-L-R).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from 293 cells, untreated or treated with TNF-alpha (20ng/ml, 15min), using IκB-epsilon (Ab-22) antibody and IκB-epsilon (Phospho-Ser22) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-epsilon (Phospho-Ser22) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IκB-epsilon antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shirane M, et al. (1999) J Biol Chem; 274(40): 28169-74 Karin, M. and Ben-Neriah, Y. (2000) Annu. Rev. Immunol.; 18, 621-663. Chen, Z.J. et al. (1996) Cell; 84, 853-862. Brown, K. et al. (1995) Science; 267, 1485-1488.

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	NFKB 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; Ikb-E; Ikb-epsilon; IkappaBepsilon

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/human-mouse-antibody/ikb-epsilon/110989>