

IkappaB-epsilon Antibody | anti-IKBE antibody

IkappaB-epsilon (Phospho-Ser22) Antibody

CATALOG # AAA267320	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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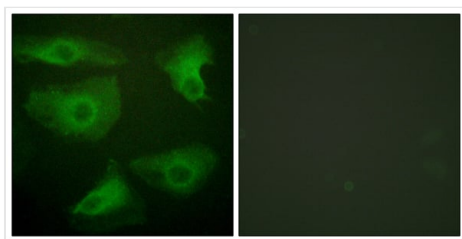
PRODUCT SYNONYMS

IkappaB-epsilon; IkappaB-epsilon (Phospho-Ser22) Antibody; I-kappa-B-epsilon; IkappaBepsilon; NF-kappa-BIE; NF-kappaB inhibitor epsilon; NFKBIE; anti-IKBE antibody

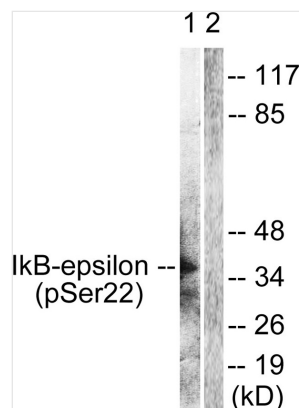
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IkappaB-epsilon (phospho-Ser22) antibody detects endogenous levels of IkappaB-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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	500
Applicable Applications for anti-IKBE antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IkappaB-epsilon around the phosphorylation site of serine 22 (I-E-SP-L-R).
All Sites	Human: Ser22 Mouse: Ser22 Rat: Ser22
Preparation and Storage	Store at -20 degree C for 1 year

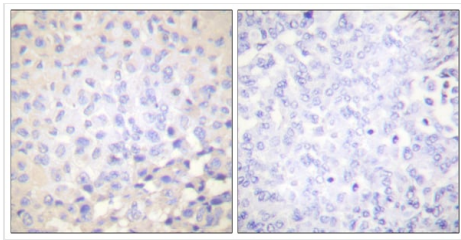
IMAGES


IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using IkappaB-epsilon (phospho-Ser22) antibody.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IkappaB-epsilon (phospho-Ser22) antibody. Western blot analysis of extracts from Jurkat cells, treated with TNF-α (20ng/ml, 30mins), using IkappaB-epsilon (phospho-Ser22) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	David C. Hay Mol. Cell. Biol., May 2001; 21: 3482-3490. Fumitaka Fujita Mol. Cell. Biol., Nov 2003; 23: 7780-7793. Dan Tapalaga J. Histochem. Cytochem., Dec 2002; 50: 1599.
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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/ikbe-human-mouse-rat-antibody/ikappab-epsilon/267320>