

Rabbit IkappaB-epsilon Polyclonal Antibody | anti-NFKBIE antibody

IkappaB-epsilon Antibody

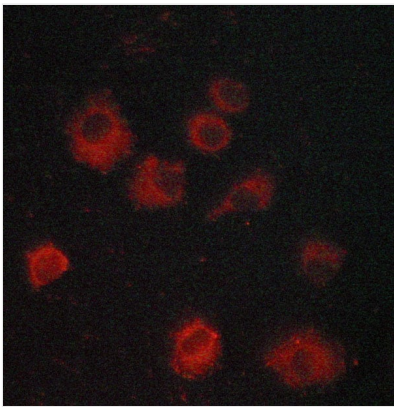
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322126	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IkappaB-epsilon; Polyclonal Antibody; IkappaB-epsilon Antibody; I kappa B epsilon; I-kappa-B-epsilon; IkappaBepsilon; IkB E; IkB-E; IkB-epsilon; IKBE; IKBE_HUMAN; MGC72568; NF kappa B inhibitor epsilon; NF kappa BIE; NF-kappa-B inhibitor epsilon; NF-kappa-BIE; NFkappa BIE; NFkappaB inhibitor epsilon; NFKBIE; Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor epsilon; OTTHUMP00000016522; Slc35b2; solute carrier family 35; member B2; anti-NFKBIE antibody

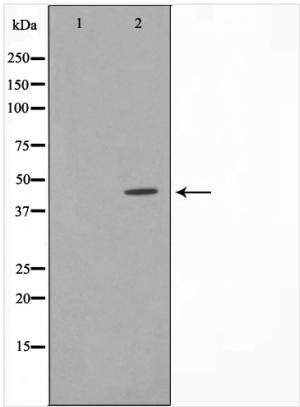
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IkappaB-epsilon antibody detects endogenous levels of total IkappaB-epsilon
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	500
Applicable Applications for anti-NFKBIE antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IkappaB-epsilon
Subcellular Location	Cytoplasm.
Tissue Specificity	Highly expressed in spleen, testis and lung, followed by kidney, pancreas, heart, placenta and brain. Also expressed in granulocytes and macrophages.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



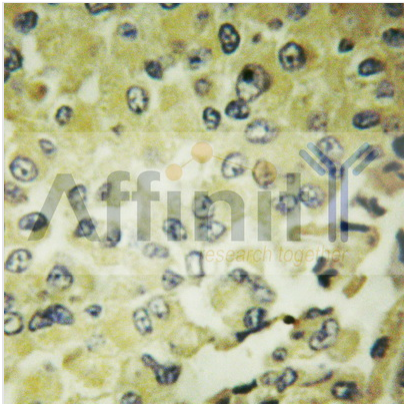
IF (Immunofluorescence)

AAA322126 staining MCF-7 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37 degree C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37 degree C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.



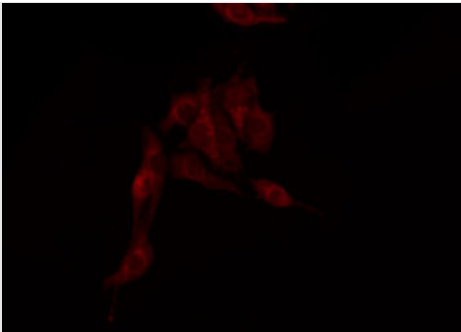
WB (Western Blot)

Western blot analysis of IkappaB-epsilon expression in TNF-a treated HeLa whole cell lysates. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA322126 at 1/50 dilution staining IKB epsilon in human breast carcinoma by Immunohistochemistry using paraffin-embedded tissue



IF (Immunofluorescence)

AAA322126 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NFKBIE antibody

Description: kB-epsilon 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. Interacts with RELA, REL, NFKB1 nuclear factor NF-kappa-B p50 subunit and NFKB2 nuclear factor NF-kappa-B p52 subunit.

Function: 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.

Subunit Structure: Interacts with RELA, REL, NFKB1 nuclear factor NF-kappa-B p50 subunit and NFKB2 nuclear factor NF-kappa-B p52 subunit.

Post-translational Modifications: Serine phosphorylated; followed by proteasome-dependent degradation.

Similarity: Belongs to the NF-kappa-B inhibitor family.

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	Observed: 45 kDa Predicted: 53 kDa
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/polyclonal/ikappab-epsilon-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322126>