

Anti-IKB epsilon NFKBIE Monoclonal Antibody

Catalog # ABO14523

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	O00221
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-IKB epsilon NFKBIE Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.

Additional Information

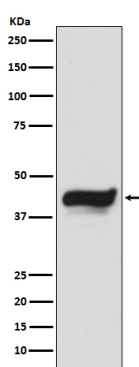
Gene ID	4794
Other Names	NF-kappa-B inhibitor epsilon, NF-kappa-BIE, I-kappa-B-epsilon, Ikb-E, Ikb-epsilon, IkappaBepsilon, NFKBIE, IKBE
Calculated MW	52864
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADCF-14
Immunogen	A synthesized peptide derived from human IKB 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.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	NFKBIE
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Synonyms	IKBE
Function	Sequesters NF-kappa-B transcription factor complexes in the cytoplasm, thereby inhibiting their activity (PubMed: 9315679). Sequestered complexes include NFKB1-RELA (p50-p65) and NFKB1-REL (p50- c-Rel) complexes (PubMed: 9135156 , PubMed: 9315679). Limits B-cell activation in response to pathogens, and also plays an important role in B-cell development (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in spleen, testis and lung, followed by kidney, pancreas, heart, placenta and brain. Also expressed in granulocytes and macrophages

Images



Western blot analysis of IKB epsilon expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.