10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IKB epsilon Rabbit mAb

Catalog # AP76547

Product Information

Application	WB, IHC-P
Primary Accession	O00221
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	52864

Additional Information

Gene ID	4794
Other Names	NFKBIE
Dilution	WB~~1:1000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	NFKBIE
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

Background

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.

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