



Anti-IKBKB (aa 662-680) polyclonal antibody (CPBT-67507RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	IKK is a serine protein kinase. The IKK complex consists of an alpha IKK subunit and a beta IKK subunit. Both IKK alpha and IKK beta subunits are required for NFkB activation. recognise IKK beta and does not cross react with IKK alpha or IKK gamma
Specificity	IKBKB
Immunogen	Synthetic peptide corresponding to amino acids 662-680 of human IKK Beta
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [Homo sapiens (human)]
Official Symbol	IKBKB
Synonyms	IKBKB; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta; IKK2; IKKB; IMD15; NFKB1KB; IKK-beta; inhibitor of nuclear factor kappa-B kinase subunit beta; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B i
Entrez Gene ID	3551
Protein Refseq	NP_001177649
UniProt ID	O14920
Chromosome Location	8p11.2
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; Activation of NF-kappaB in B cells; Acute myeloid leukemia; Adaptive Immune System; Adipocytokine signaling pathway; Apoptosis; Apoptosis Modulation and Signaling;
Function	ATP binding; IkappaB kinase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; scaffold protein binding;