

Rabbit IKK-alpha/beta Polyclonal Antibody | anti-IKK-alpha/beta antibody

IKK-alpha/beta (Phospho-Ser180/181) Antibody

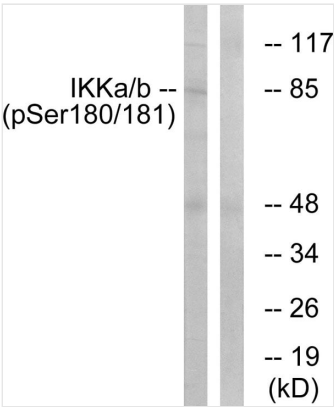
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316148	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

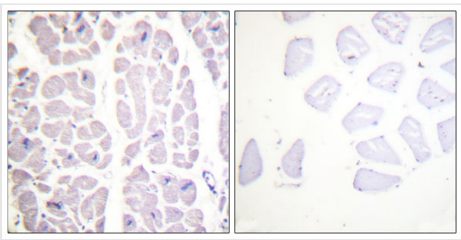
IKK-alpha/beta; Polyclonal Antibody; IKK-alpha/beta (Phospho-Ser180/181) Antibody; CHUK; Conserved helix-loop-helix ubiquitous kinase; I kappa-B kinase alpha; I-kappa-B kinase 1; IkappaB kinase; IKBKA; IKK-A; IKK-alpha; IKK1; IKKA; Inhibitor of nuclear factor kappa-B kinase alpha subunit; kinase IKK-alpha; NFKB1KA; Nuclear factor NFkappa; anti-IKK-alpha/beta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	IKK-alpha/beta (Phospho-Ser180/181) Antibody detects endogenous levels of IKK-alpha/beta only when phosphorylated at Ser180/181.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	745
Applicable Applications for anti-IKK-alpha/beta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S180/S181; M:S180/S181; R:S180/S181
Immunogen	The antiserum was produced against synthesized peptide derived from human IKK-alpha/beta around the phosphorylation site of Ser180/181.
Immunogen Range	151-200
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with TNF 20ng/ml 5', using IKK-
alpha/beta (Phospho-Ser180/181) Antibody. The lane on the right is blocked with the phospho
peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human heart, using IKK-alpha/beta
(Phospho-Ser180/181) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241001
NCBI GeneID	1147
NCBI Accession #	NP_001269.3
NCBI GenBank Nucleotide #	NM_001278.4
UniProt Accession #	O15111; O14666; Q13132; Q5W0I4; Q92467
Molecular Weight	84 kDa
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit alpha isoform 1
NCBI Official Synonym Full Names	conserved helix-loop-helix ubiquitous kinase
NCBI Official Symbol	CHUK
NCBI Official Synonym Symbols	IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit alpha
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha
UniProt Gene Name	CHUK
UniProt Synonym Gene Names	IKKA; TCF16; I-kappa-B kinase alpha; IKK-A; IKK-alpha; IkbKA; IkappaB kinase; IKK1; NFKBIKA; TCF-16

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.