

Rabbit IKKa/b Antibody | anti-IKKa/b antibody

IKKa/b (Phospho-Ser180/181) Antibody

CATALOG # AAA111027	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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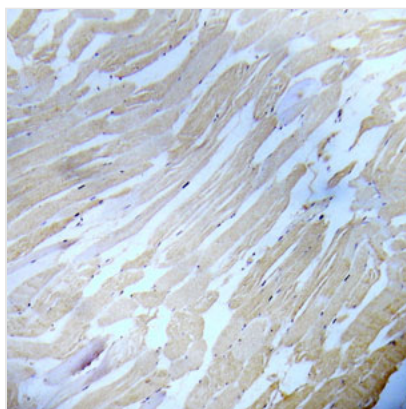
PRODUCT SYNONYMS

IKKa/b; IKKa/b (Phospho-Ser180/181) Antibody; anti-IKKa/b antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	IKKa/b (Phospho-Ser180/181) antibody detects endogenous levels of IKKa/b only when phosphorylated at serine 180/181.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-IKKa/b antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IKKa/b around the phosphorylation site of serine 180/181 (C-T-S ^P -F-V).
Preparation and Storage	Store at -20°C/1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using IKKa/b (Phospho-Ser180/181) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IKKa/b antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Mercurio F., et al. (1997) Science 278:860-866. Ling L., Cao Z., et al. (1998) Proc. Natl. Acad. Sci. U.S.A. 95:3792-3797. Lubin FD, Sweatt JD (2007) Neuron 55, 942-57. Baeuerle, P.A. and Baltimore, D. (1988) Science 242, 540-6. Beg, A.A. and Baldwin, A.S. (1993) Genes Dev 7, 2064-70. Finco, T.S. et al. (1994) Proc Natl Acad Sci USA 91, 11884-8.

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
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.