

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

IKK-alpha (Phospho-Ser176) /IKK-beta (Phospho-Ser177) Antibody

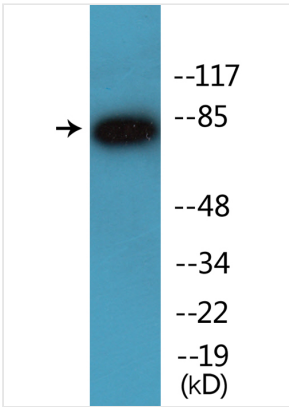
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318329	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

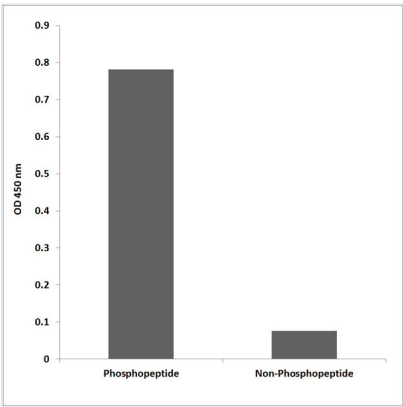
IKK-alpha; Polyclonal Antibody; IKK-alpha (Phospho-Ser176) /IKK-beta (Phospho-Ser177) Antibody; CHUK; Conserved helix-loop-helix ubiquitous kinase; I kappa-B kinase alpha; I-kappa-B kinase 1; IkappaB kinase; IkBKA; IKK-A; IKK1; IKKA; Inhibitor of nuclear factor kappa-B kinase alpha subunit; kinase IKK-alpha; NFKB1KA; Nuclear factor NFkappa; anti-IKK-alpha antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	IKK-alpha (Phospho-Ser176)/IKK-beta (Phospho-Ser177) Antibody detects endogenous levels of CHUK/IKBKB only when IKK-alpha phosphorylated at Ser176 and IKK-beta phosphorylated at Ser177.
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 (Phospho-without Mg2+ and Ca2+), 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 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S176/S177; M:S176/S177; R:S176/S177
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human IKK-alpha around the phosphorylation site of Ser176 and IKK-beta around the phosphorylation site of Ser177.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from NIH/3T3 cells treated with TNF 20ng/ml 30', using IKK-alpha (Phospho-Ser176) /IKK-beta (Phospho-Ser177) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IKK-alpha (Phospho-Ser176) /IKK-beta (Phospho-Ser177) Antibody

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.