

IKKalpha Antibody | anti-IKKalpha antibody

IKKalpha (Phospho-Thr23) Antibody

CATALOG # AAA267735	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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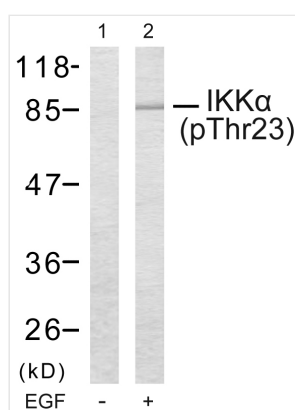
PRODUCT SYNONYMS

IKKalpha; IKKalpha (Phospho-Thr23) Antibody; anti-IKKalpha antibody

PRODUCT SPECIFICATIONS

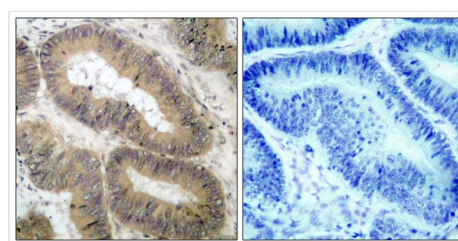
Reactivity	Human, Mouse, Rat
Specificity	IKKalpha(Phospho-Thr23) Antibody detects endogenous levels of IKKalpha only when phosphorylated at Threonine 23.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	745
Applicable Applications for anti-IKKalpha antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IKKalpha around the phosphorylation site of Threonine 23(L-G-TP-G-G).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts using IKKalpha (Phospho-Thr23) Antibody. Line1: The extracts from MDA-MB-435 cells untreated; Line2: The extracts from MDA-MB-435 cells treated with EGF.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded colon carcinoma, using IKKalpha (Phospho-Thr23) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

References	Yuan ZQ, et al.(2002)J Biol Chem; 277(33): 29973-82. Ozes ON, et al. (1999)Nature; 401(6748): 82-5.
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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	84,640 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/ikkalpha/267735>