

IKK-beta Antibody | anti-IKK-beta antibody

IKK-beta (Phospho-Tyr188) Antibody

CATALOG # AAA112190	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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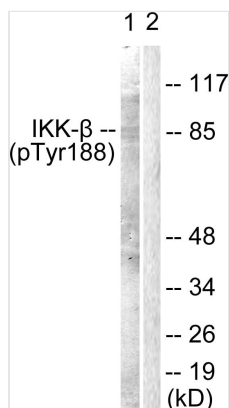
PRODUCT SYNONYMS

IKK-beta; IKK-beta (Phospho-Tyr188) Antibody; EC 2.7.11.10; I-kappa-B kinase 2; I-kappa-B-kinase beta; IKK-B; IKK2; IKKB; IkbKB; NFKB1KB; Nuclear factor NF-kappa-B inhibitor kinase beta; kinase IKK-beta; anti-IKK-beta antibody

PRODUCT SPECIFICATIONS

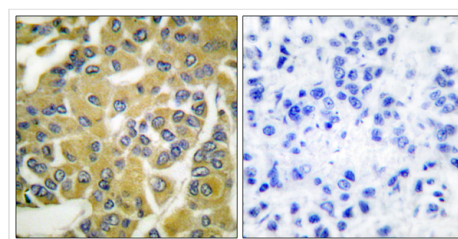
Reactivity	Human, Mouse, Rat
Specificity	IKK-beta (Phospho-Tyr188) antibody detects endogenous levels of IKK-beta only when phosphorylated at tyrosine 188.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	754
Applicable Applications for anti-IKK-beta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IKK-beta around the phosphorylation site of tyrosine 188 (L-Q-YP-L-A).
All Sites	Human: Tyr188 Mouse: Tyr188 Rat: Tyr188
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using IKK-beta (Phospho-Tyr188) antibody (#A0442).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IKK-beta (Phospho-Tyr188) antibody (#A0442).

ADDITIONAL INFORMATION

Product Categories/Family for anti-IKK-beta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kelly M. Regula, J. Biol. Chem., Oct 2002; 277: 38676-38682. Wen-Hui Hu, J. Biol. Chem., Aug 2005; 280: 29233-29241. Irina V. Budunova, AACR Meeting Abstracts, Mar 2004; 2004: 1056. Fan Yang, J. Immunol., Jun 2003; 170: 5630.

NCBI AND UNIPROT INFORMATION

NCBI GI #	299758411
NCBI GeneID	3551
NCBI Accession #	NP_001177649.1
NCBI GenBank Nucleotide #	NM_001190720.2
UniProt Accession #	O14920; O75327; B4DZ30; B4E0U4
Molecular Weight	79,509 Da
NCBI Official Full Name	inhibitor of nuclear factor kappa-B kinase subunit beta isoform 2
NCBI Official Synonym Full Names	inhibitor of nuclear factor kappa B kinase subunit beta
NCBI Official Symbol	IKBKB
NCBI Official Synonym Symbols	IKK2; IKKB; IMD15; NFKBIKB; IKK-beta
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit beta
UniProt Gene Name	IKBKB
UniProt Synonym Gene Names	IKKB; I-kappa-B-kinase beta; IKK-B; IKK-beta; Ikbkb; IKK2; NFKBIKB

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.