

IKK-beta Antibody | anti-IKK-beta antibody

IKK-beta (Phospho-Tyr199) Antibody

CATALOG # AAA267429	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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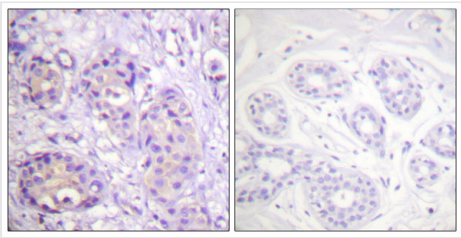
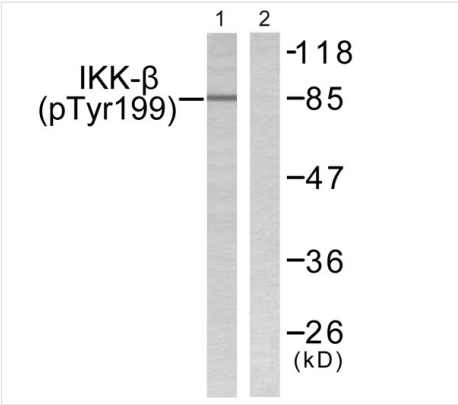
PRODUCT SYNONYMS

IKK-beta; IKK-beta (Phospho-Tyr199) 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-Tyr199) antibody detects endogenous levels of IKK-beta only when phosphorylated at tyrosine 199.
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 199 (Q-K-YP-T-V).
All Sites	Human: Tyr199 Mouse: Tyr199 Rat: Tyr199
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using IKK-beta (Phospho-Tyr199) antibody. Western blot analysis of extracts from HeLa cells, treated with TNF- α (20ng/ml) and Calyculin (50nM, 5mins), using IKK-beta (Phospho-Tyr199) antibody.

ADDITIONAL INFORMATION

References	Zhi-Wei Li, J. Immunol., May 2003; 170: 4630. Wen-Hui Hu, J. Biol. Chem., Aug 2005; 280: 29233-29241. S. Escotte, Eur. Respir. J., Apr 2003; 21: 574-581. Dirk Haller, J. Biol. Chem., Oct 2002; 277: 38168-38178.
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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.