



IKKβ (phospho Tyr199) Polyclonal Antibody

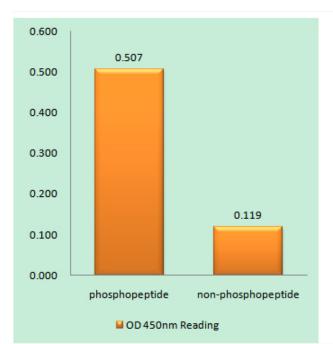
Tissue Specificity Highly expressed in heart, placenta, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis and peripheral blood. Function catalytic activity:ATP + [I-kappa-B protein] = ADP + [I-kappa-B phosphoprotein].,function:Acts as part of the IKK complex in the conventional pathway of NF-kappa-B activation and phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Also phosphorylates NCOA3.,PTM:Ubiquitination on 'Ser-163' modulates phosphorylated on C-terminal serine residues.,PTM:Upon cytokine stimulation, phosphorylated on		
Reactivity Human;Mouse;Rat Applications WB;IHC;IF;ELISA Gene Name IKBKB Protein Name Inhibitor of nuclear factor kappa-B kinase subunit beta Immunogen The antiserum was produced against synthesized peptide derived from human IKK-beta around the phosphorylation site of Tyr199. AA range:166-215 Specificity Phospho-IKKβ (Y199) Polyclonal Antibody detects endogenous levels of IKKβ protein only when phosphorylated at Y199. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms IKBKB; InKB; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B-kinase beta; IKK-B; IKK-beta; IKBKB; I-kappa-B kinase 2; IKK2; Nuclear factor NF-kappa-B inhibitor kinase beta; NFKBIKB Observed Band 85kD Cell Pathway Cytoplasm . Nucleus . Membrane raft . Colocalized with DPP4 in membrane raft thymus, prostate, testis and peripheral blood. Function catalytic activity-ATP + 1 [-kap	Catalog No	BYab-14448
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	Once activated, autophosphorylates on the C-terminal serine cluster; which decreases activity and prevents prolonged activation of the inflammatory response.,PTM:Yersinia yopJ may acetylate Ser/Thr residues, preventing phosphorylation and activation, which blocks the I-kappa-B signaling pathway.,similarity:Belongs to the p
Background	The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene. [provided by RefSeq, Sep 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IKK-beta (Phospho-Tyr199) Antibody

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IKK-beta (Phospho-Tyr199) Antibody. The picture on the right is blocked with the phospho peptide.

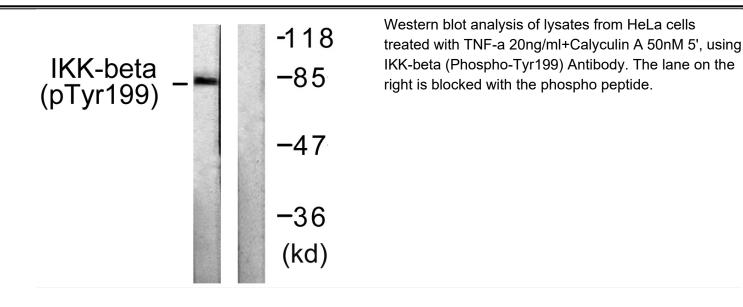
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