

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PHOSPHO-IKK BETA (TYR188) RABBIT PAB

Cat.#: N225486

Product Name: Anti-Phospho-IKK beta (Tyr188) Rabbit pAb

Synonyms: IKBKB; IKKB; 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 **UNIPROT ID:** 014920

Background: The NF-kB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IkB proteins (1-3). Most agents that activate NF-kB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IkB (3-7). The key regulatory step in this pathway involves activation of a high molecular weight IkB kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits.

Immunogen: The antiserum was produced against synthesized peptide derived from human IKK-beta around the phosphorylation site of Tyr188. AA range:161-210

Applications: WB,IHC-P,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 87 kDa; Observed MW: 87 kDa

Isotype: IqG

Purification: Affinity Chromatography

Species Reactivity: Human, Mouse, Rat, Monkey

Conjugation: Unconjugated **Modification:** Phosphorylated

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02%

sodium azide

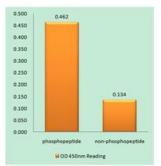
Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

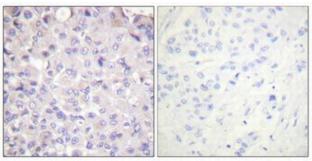


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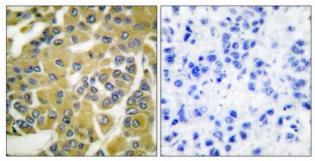
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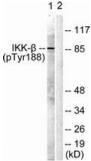
EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and NonPhosphopeptide (Phospho-right), using IKKbeta (Phospho-Tyr18antibody



Immunohistochemistry analysis of paraffinembedded Human breast cancer using Phospho-IKK beta (Tyr188) antibody. Highpressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunohistochemistry analysis of paraffinembedded Human breast carcinoma using Phospho-IKK beta (Tyr188) antibody. Highpressure and temperature Sodium Citrate pH beta (Tyr188) antibody. The lane on the right 6.0 was used for antigen retrieval.Sample with blocking peptide on the right.



Western blot analysis of Phospho-IKK beta (Tyr188) in COS7 lysates using Phospho-IKK is blocked with the synthesized peptide.