

Product Datasheet

Phospho-IKK- alpha (Ser176) /IKK- beta (Ser177) Antibody



Catalog No: CY6290

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

Information

UniProt ID: O15111/O14920

All Names: FLJ40509; I-kappa-B kinase 2; I-kappa-B-kinase beta; IKBKB; IKK-B; IKK-beta; IKK2; IKKB; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta; Inhibitor of nuclear factor kappa-B kinase subunit beta; MGC131801; NFKBIKB; Nuclear facto

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human IKK- alpha /IKK- beta around the phosphorylation site of Serine 177

Molecular Wt.: 85 kDa

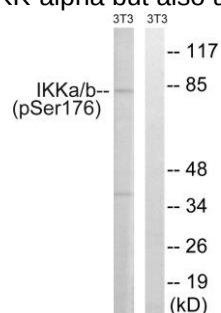
Application

WB: 1:500~1:2000

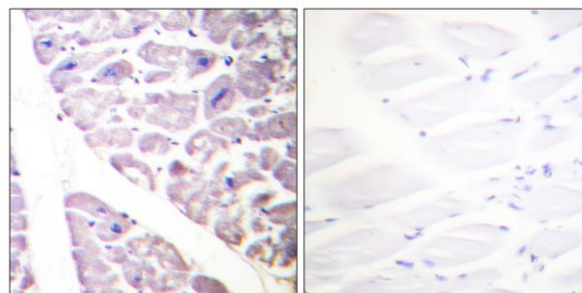
IHC: 1:50~1:200

Background

IKK-beta a kinase of the IKK family. 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. Preferentially found as a heterodimer with IKK-alpha but also as an homodimer.



Western blot analysis of extracts from 3T3 cells, treated with TNF (20ng/ml, 30mins), using IKK- alpha (Phospho-Ser176)/ IKK- beta (Phospho-Ser177) antibody.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using IKK- alpha (Phospho-Ser176)/ IKK- beta (Phospho-Ser177) antibody.

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