

Anti-IKK- α (Phospho-Ser176)/IKK- β (Phospho-Ser177) Polyclonal Antibody



Catalog No.	Size
A100057-01	50 μ l
A100057-02	100 μ l

Specificity	Anti-IKK- α (Phospho-Ser176)/IKK- β (Phospho-Ser177) (Human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: O15111/O14920

Other Names: CHUK; Conserved helix-loop-helix ubiquitous kinase; EC 2.7.11.10; I kappa-B kinase alpha; I-kappa-B kinase 1; IkappaB kinase; IkbKA; IKK-A; IKK-alpha; IKK1; IKKA; Inhibitor of nuclear factor kappa-B kinase alpha subunit; kinase IKK-alpha; NFKBKA; Nuclear factor NFkappaB inhibitor kinase alpha

Specificity and Sensitivity

IKK- α (Phospho-Ser176)/IKK- β (Phospho-Ser177) antibody detects endogenous levels of IKK- α only when phosphorylated at serine 176/177.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human IKK- α around the phosphorylation site of serine 176/177 (Q-G-S^P-L-C). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100

ELISA: 1:1000

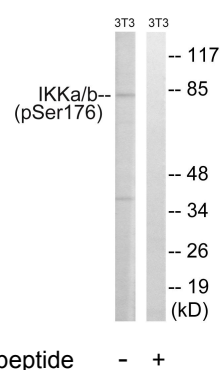
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

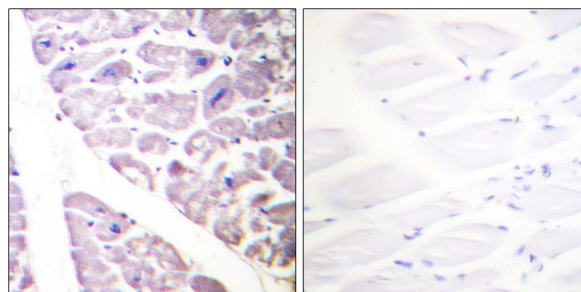
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



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



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