IKK-γ (Phospho-Ser31) Antibody

E11-0443A

Catalog Number: E11-0443A

Amount: 100μg/100μl

Swiss-Prot No. : Q9Y6K9

All Names: FIP-3, FIP3, I-kappa-B kinase gamma, IKBKG, IKK-gamma, IKKAP1, IKKG, IkB kinase gamma subunit, IkB kinase-associated protein 1, Inhibitor of nuclear factor kappa-B kinase gamma subunit, NEMO, NF-kappaB essential modifier, NF-kappaB essential modulator, mFIP-3

All Sites: Human: Ser31; Mouse: Ser31

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human IKK-γ around the phosphorylation site of serine 31 (E-E-S^{P}-P-L).

Purification: The antibody was 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.

Specificity/Sensitivity: IKK-γ (Phospho-Ser31) antibody detects endogenous levels of IKK-γ only when phosphorylated at serine 31.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:1000

References:
Kyeong Ah Park, Carcinogenesis, Jan 2007; 28: 71 - 80.
Udit N. Verma, J. Biol. Chem., Jan 2004; 279: 3509 - 3515.
Ruiqiong Ran, Genes & Dev., Jun 2004; 18: 1466 - 1481.
Daniel Krappmann, J. Biol. Chem., Sep 2000; 275: 29779.

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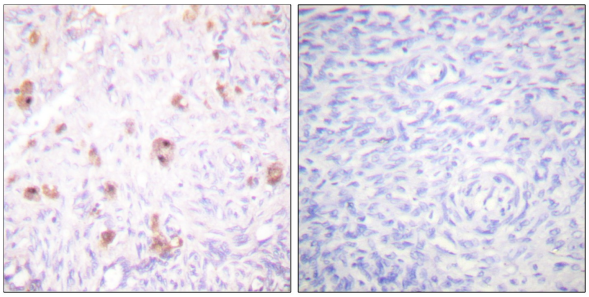
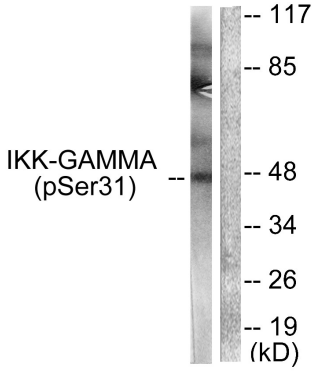


P-peptide - +

Immunohistochemical analysis of paraffin-embedded human ovary tissue using IKK-γ (Phospho-Ser31) Antibody (#A0443).



Western blot analysis of extracts from 293 cells, treated with TNF-a (20ng /ml, 5mins), using IKK-γ (Phospho-Ser31) Antibody (#A0443).