

Product: Anti-IKK α (C2)
Catalog #: 12-2115
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal
NF- κ B is associated with I κ B proteins in the cell cytoplasm, which inhibit NF- κ B activity. The long-sought I κ B kinase (IKK), which phosphorylates I κ B, and mediates I κ B degradation and NF- κ B activation, was recently identified. IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKK α and IKK β). IKK α and IKK β interact with each other and both are essential for the NF- κ B activation. IKK α specifically phosphorylates I κ B- α . IKK α is expressed in variety of human tissues.

FORM:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium Azide
A peptide corresponding to amino acids 699 to 715 of human IKK α , which differs from corresponding murine sequence by one amino acids.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR POSITIVE CONTROL:

Immunoblotting (min. dilution 1:500)
Human. It has no cross reactivity with to IKK β or IKK γ .

STORAGE:

whole cell lysate from HeLa cells (85 kDa band should be detected)
2-8°C for immediate use, or at -20°C (aliquot)

12-2115-1 Blocking peptide available

REFERENCES:

DiDonato, JA. et al. (1997) Nature **388**: 548-554
Regnier, CH. et al. (1997) Cell **90**: 373-383
Zandi, E. et al. (1997) Cell **91**: 243-252
Woronicz, JD. et al. (1997) Science **278**: 866-869
Mercurio, F et al. (1997) Science **278**: 860-866

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