Anti-Phospho-MAPKAP Kinase 2 (Thr334) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108954

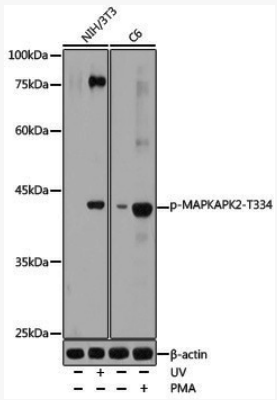
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around T334 of human MAPKAPK2 (NP_116584.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-MAPKAP Kinase 2 (Thr334) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MK2; MK-2; MAPKAP-K2; MAPKAP Kinase 2; MAPKAPK-2; MK2-T334; Phospho-MAPKAPK-2/MK2-T334.
Calculated MW	Calculated MW: 46 kDa; Observed MW: 42 kDa
Uniprot ID	P49137
Gene ID	9261
Background	This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene.

Validation Images



Western blot analysis of various lysates using Phospho-MAPKAPK-2/MK2-T334 Rabbit pAb (P108954) at 1:1,000 dilution. NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. C6 cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 180s.