MAPKAPK-2(Phospho-Thr334) Antibody

Catalog No: #11308

Package Size: #11308-1 50ul #11308-2 100ul #11308-4 25ul

Overview

Product Name	MAPKAPK-2(Phospho-Thr334) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	MAPKAPK-2
Modification	Phospho-Thr334
Alternative Names	MAP kinase-activated protein kinase 2; MAPK-activated protein kinase 2; MAPK2; MAPKAP kinase 2; MAPKAPK-2

Application Details

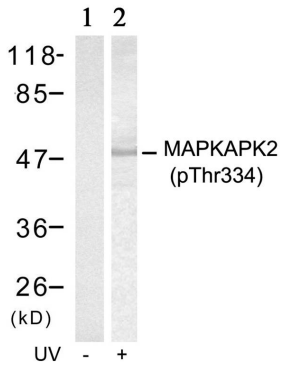
Predicted MW: 49kd

Western blotting: 1:500~1:1000

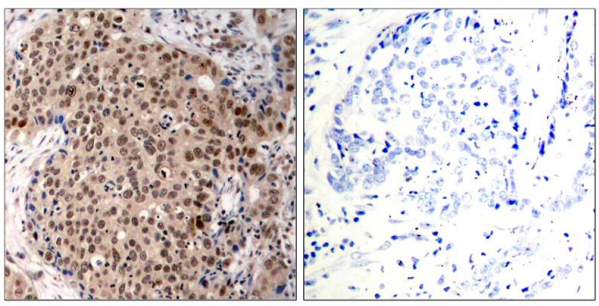
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

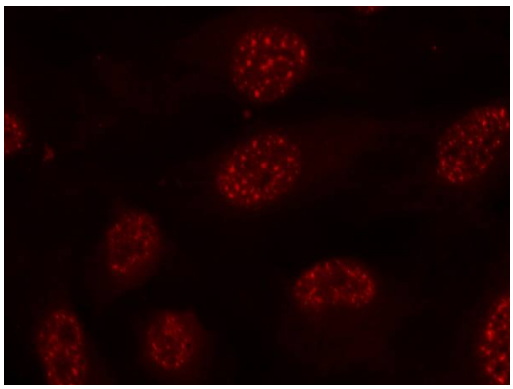
Images



Western blot analysis of extracts from Hela cells untreated(lane 1) or treated with UV(lane 2) using MAPKAPK-2(Phospho-Thr334) Antibody #11308.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MAPKAPK-2(Phospho-Thr334) Antibody #11308(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using MAPKAPK-2(Phospho-Thr334) Antibody #11308.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of threonine 334 (P-Q-T(p)-P-L) derived from Human MAPKAPK-2.
Specificity	The antibody detects endogenous level of MAPKAPK-2 onlywhen phosphorylated at threonine 334.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P49137NCBI Protein: NP_004750.1

Related Information

MAPKAPK-2 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.

Rouse, J. et al. (1994) Cell 78, 1027-1037.
Ben-Levy, R. et al. (1995) EMBO J. 14, 5920-5930.