

MAP Kinase-Activated Protein Kinase 2 Phospho-Thr334 (MAPKAPK2 pT334) Antibody

Catalogue No.:abx000443



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat heart using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.





Immunohistochemistry analysis of paraffin-embedded Human placenta using Phospho-MAPKAPK-2/MK2-T334 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

MAPKAPK2 (pT334) Antibody is a Rabbit Polyclonal antibody against MAPKAPK2 (pT334). 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.

Target:	MAP Kinase-Activated Protein Kinase 2 Phospho-Thr334 (MAPKAPK2 pT334)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 μ g/ml, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around T334 of human MAPKAPK2.
Isotype:	lgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49137 (<u>UniProt</u> , <u>ExPASy</u>)
Gene Symbol:	MAPKAPK2
GenelD:	<u>9261</u>



NCBI Accession:	NP_116584.2
KEGG:	hsa:9261
String:	<u>9606.ENSP00000356070</u>
Molecular Weight:	Calculated MW: 46 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.