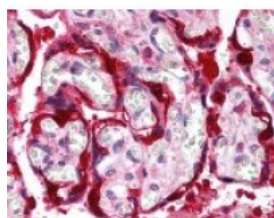




MAPK14 Antibody

CATALOG NUMBER: 48-786



Immunohistochemistry staining of
MAPK14 in placenta tissue using MAPK14
Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	MAPK14 antibody can be used in ELISA, Western Blot starting at 1:1000 - 1:2000, and immunohistochemistry starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	MAPK14 antibody was raised against a peptide located in the C Terminus of MAPK14 (Mouse).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide, 0.1% gelatin.
STORAGE CONDITIONS:	Store MAPK14 antibody at 4 °C, Avoid Freezing
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MAPK14, CSAID-binding protein, CSBP2, CSPB1, CSBP1, Csaid binding protein, CSBP, EXIP, MAP kinase 14, MAP kinase p38 alpha, MAX-interacting protein 2, MAPK 14, p38 alpha, PRKM15, PRKM14, RK, SAPK2A, MAP kinase MXI2, Mxi2, p38ALPHA, p38, p38 MAP kinase, p38alpha Exip
ACCESSION NO.:	Q16539
PROTEIN GI NO.:	2499600
OFFICIAL SYMBOL:	MAPK14
GENE ID:	1432

Background

BACKGROUND:

MAP kinase p38 alpha, a MAPK type protein kinase, is an environmental stress- and inflammatory cytokine-induced kinase that is associated with the regulation of gene expression, cell proliferation and cell death. p38alpha is phosphorylated by MEK3/MAP2K3 or MKK6/MAP2K6. Activated p38alpha either remains in the cytosol, where it phosphorylates cytosolic proteins including MNK1/2, PLA2 and PRAK, or translocates to the nucleus, where it phosphorylates several substrates, including ATF2, CHOP/GADD153, MAPKAPK-2 and -3, MEF2-A and -C, MSK, Myc binding partner Max and Sap-1a. At least four protein isoforms, resulting from alternatively spliced transcript variants of this gene, have been identified - 297, 307 and two isoforms of 360 amino acids with differing internal segments.

FOR RESEARCH USE ONLY

December 13, 2016