Datasheet for ABIN6736415

anti-MAPK14 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	MAPK14
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Chicken, Rabbit, Cow, Monkey, Pig, Sheep, Guinea Pig, Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human MAPK14 (Q16539, NP_001306). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus (100%), Xenopus (92%). Type of Immunogen: Synthetic peptide
Specificity:	Human MAPK14 / p38
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Sheep, Bovine, Rabbit, Horse, Pig, Chicken (100%) Xenopus (92%).

Product Details

Purification:	Immunoaffinity purified

Target Details

Target:	MAPK14
Alternative Name:	MAPK14 / p38 (MAPK14 Products)
Background:	Name/Gene ID: MAPK14 Subfamily: MAPK Family: Protein Kinase Synonyms: MAPK14, CSAID-binding protein, CSBP2, CSPB1, CSBP1, Csaids 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
Gene ID:	1432
NCBI Accession:	NP_001306
UniProt:	Q16539
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Hepatitis C, Toll-Like Receptors Cascades, Autophagy, Thromboxane A2 Receptor Signaling, BCR Signaling, S100 Proteins

Application Details

Application Notes:	Approved: IHC, IHC-P (2.5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5 µg/mL.
Comment:	Target Species of Antibody: Human

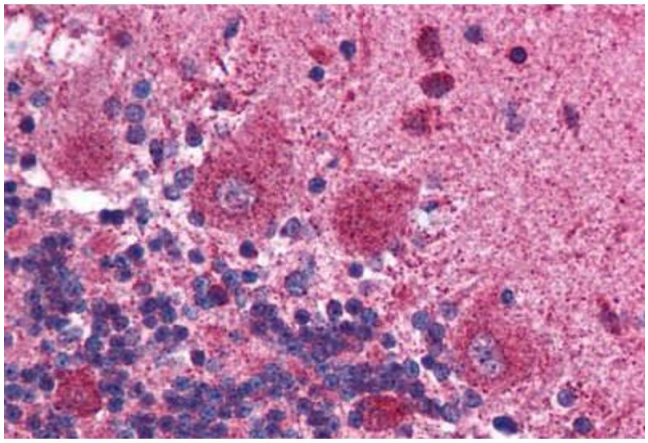
Application Details

Restrictions:	For Research Use only

Handling

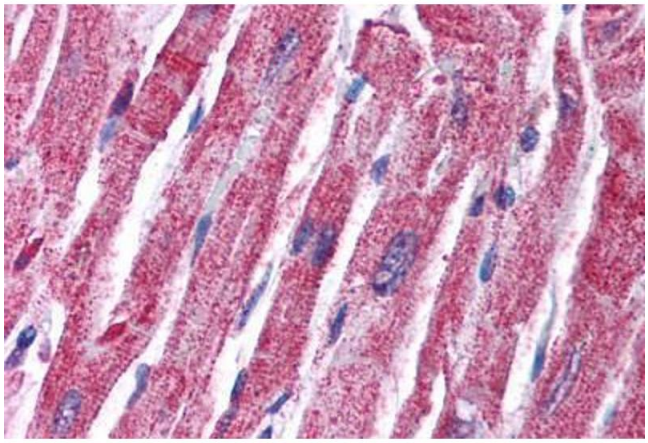
Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



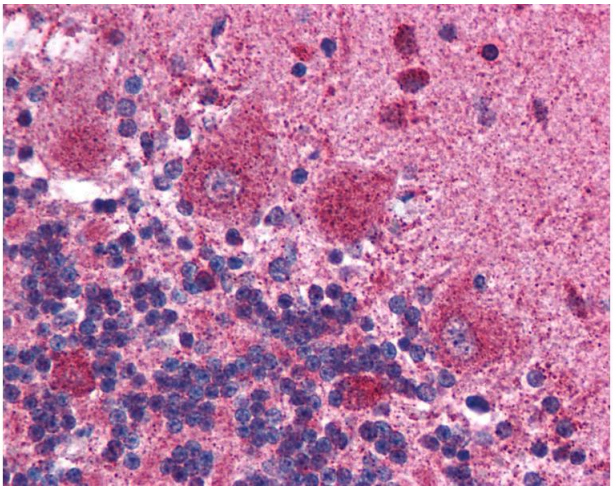
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with MAPK14 antibody ABIN214794 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Heart (formalin-fixed, paraffin-embedded) stained with MAPK14 antibody ABIN214794 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-MAPK14 / p38 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this ...