Datasheet for ABIN239802

anti-MARK1 antibody (N-Term)

2 Images

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Overview

Quantity:	50 µg
Target:	MARK1
Binding Specificity:	N-Term
Reactivity:	Human, Monkey, Rabbit, Bat, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 18 amino acid peptide from N-terminus of human MARK1. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Panda, Rabbit, Opossum (100%), Elephant, Horse, Lizard (94%), Rat, Turkey, Chicken, Platypus (89%). Type of Immunogen: Synthetic peptide
Specificity:	Human MARK1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Dog, Bat, Bovine, Panda, Rabbit, Opossum (100%) Elephant, Horse, Lizard (94%) Rat, Turkey, Chicken, Platypus (89%).

Product Details

Purification:	Immunoaffinity purified

Target Details

Target:	MARK1
Alternative Name:	MARK1 / MARK (MARK1 Products)
Background:	Name/Gene ID: MARK1 Subfamily: MARK Family: Protein Kinase Synonyms: MARK1, KIAA1477, Par1c, PAR1 homolog c, MARK, Par-1c
Gene ID:	4139
Pathways:	SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	Approved: IHC, IHC-P (5 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 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

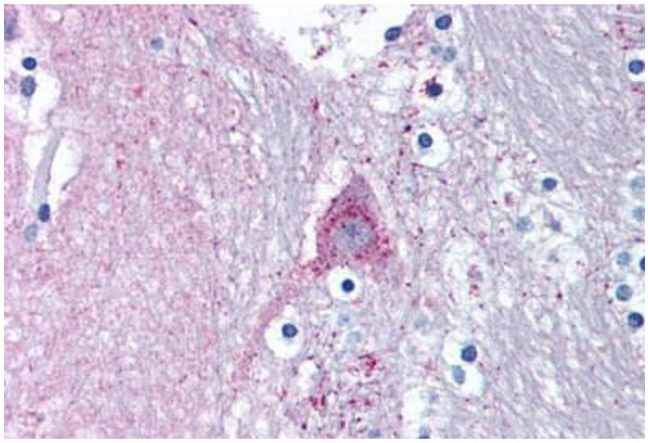
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide

Handling

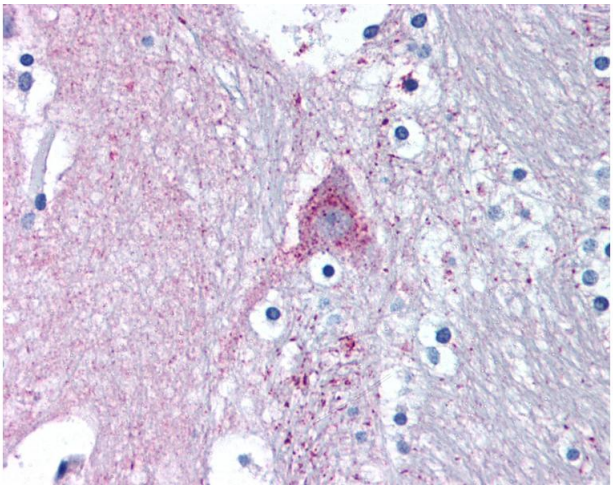
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Caduate (formalin-fixed, paraffin-embedded) stained with MARK1 antibody ABIN239802 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-MARK1 antibody IHC of human brain, caduate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

