

Rabbit anti-Human, Rat MARK1 Polyclonal Antibody | anti-MARK1 antibody

MARK1 Antibody

CATALOG # AAA232202	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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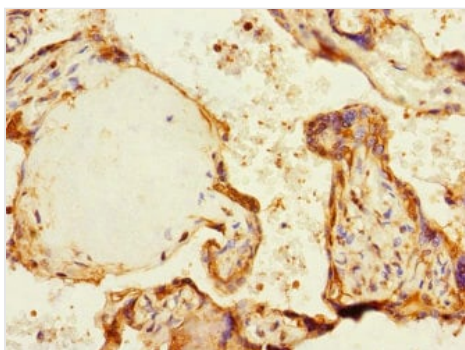
PRODUCT SYNONYMS

MARK1; Polyclonal Antibody; MARK1 Antibody; Serine/threonine-protein kinase MARK1; MAP/microtubule affinity-regulating kinase 1; PAR1 homolog c; Par-1c; Par1c; anti-MARK1 antibody

PRODUCT SPECIFICATIONS

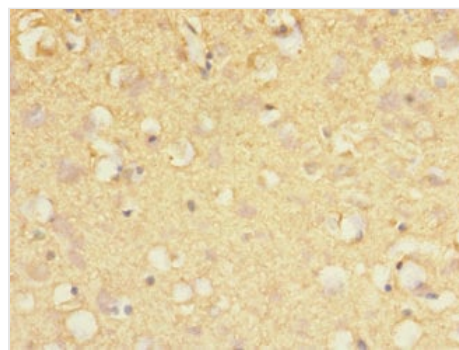
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	758
Applicable Applications for anti-MARK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Serine/threonine-protein kinase MARK1 protein (560-700AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-70088 / sc-70090 / sc-130815
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



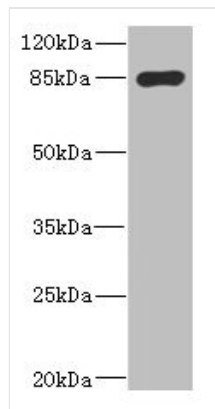
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA232202 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232202 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: MARK1 antibody IgG at 2.65ug/ml+ Rat heart tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 90,73,85 kDaObserved band size: 89 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MARK1 antibody

Serine/threonine-protein kinase involved in cell polarity and microtubule dynamics regulation. Phosphorylates DCX, MAP2, MAP4 and MAPT/TAU. Involved in cell polarity by phosphorylating the microtubule-associated proteins MAP2, MAP4 and MAPT/TAU at KXGS motifs, causing detachment from microtubules, and their disassembly. Involved in the regulation of neuronal migration through its dual activities in regulating cellular polarity and microtubule dynamics, possibly by phosphorylating and regulating DCX. Also acts as a positive regulator of the Wnt signaling pathway, probably by mediating phosphorylation of dishevelled proteins (DVL1, DVL2 and/or DVL3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	554790379
NCBI GeneID	4139
NCBI Accession #	NP_001273057.1
NCBI GenBank Nucleotide #	NM_001286128.1
UniProt Accession #	Q9P0L2; Q2HIY1; Q5VTF9; Q5VTG0; Q96SW9; Q9P251; D3DTB0; D3DTB1
Molecular Weight	84,911 Da
NCBI Official Full Name	serine/threonine-protein kinase MARK1 isoform 4
NCBI Official Synonym Full Names	microtubule affinity regulating kinase 1
NCBI Official Symbol	MARK1
NCBI Official Synonym Symbols	MARK; Par1c; Par-1c
NCBI Protein Information	serine/threonine-protein kinase MARK1
UniProt Protein Name	Serine/threonine-protein kinase MARK1
UniProt Gene Name	MARK1
UniProt Synonym Gene Names	Par-1c; Par1c
UniProt Entry Name	MARK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mark1-antibody-immunohistochemistry-western-blot-elisa/232202>