

Rabbit PAR-1 / MARK2 Polyclonal Antibody | anti-PAR-1 antibody

Rabbit Polyclonal (IgG) to Human PAR-1 / MARK2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51425	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry

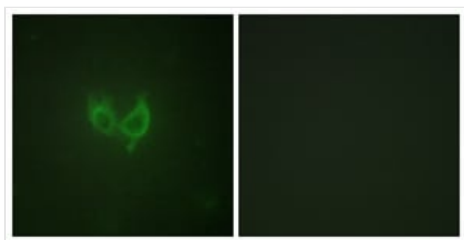
PRODUCT SYNONYMS

PAR-1 / MARK2; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human PAR-1 / MARK2; Anti-PAR-1 / MARK2 Antibody (aa562-611) IHC-plus; MARK2; ELKL motif kinase 1; EMK-1; ELKL motif kinase; EMK1; PAR-1; PAR1 homolog; Par1b; Par-1b; Ser/Thr protein kinase PAR-1B; Emk; PAR1 homolog b; Human PAR-1; anti-PAR-1 antibody

PRODUCT SPECIFICATIONS

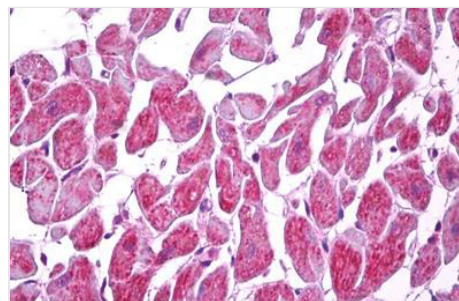
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MARK2 Antibody detects endogenous levels of total MARK2 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	745
Applicable Applications for anti-PAR-1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human MARK2 (aa562-611).
Immunogen	PAR-1 / MARK2 antibody was raised against synthetic peptide from human MARK2 (aa562-611).
Antigen Modification	aa562-611
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of HUVEC cells, using MARK2 antibody. The picture on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-MARK2 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PAR-1 antibody	MARK2 (EMK1), a MARK type protein kinase, has been implicated in regulating polarity, cell cycle progression, and microtubule dynamics. Specifically, it is reported to phosphorylate a MAP4-related protein in vitro. EMK(-/-) mice display growth retardation and immune cell dysfunction, and disease development in these animals has suggested that loss of EMK may contribute to autoimmune disease in mammals.
Product Categories/Family for anti-PAR-1 antibody	Family: Protein Kinase; Subfamily: MARK

NCBI AND UNIPROT INFORMATION

NCBI GI #	86990441
NCBI GeneID	2011
NCBI Accession #	NP_059672.2
NCBI GenBank Nucleotide #	NM_017490.3
UniProt Accession #	Q7KZI7; Q15449; Q15524; Q5XGA3; Q68A18; Q96HB3; Q96RG0
Molecular Weight	81,209 Da
NCBI Official Full Name	serine/threonine-protein kinase MARK2 isoform a
NCBI Official Synonym Full Names	MAP/microtubule affinity-regulating kinase 2
NCBI Official Symbol	MARK2
NCBI Official Synonym Symbols	EMK1; EMK-1; PAR-1; Par1b; Par-1b
NCBI Protein Information	serine/threonine-protein kinase MARK2; PAR1 homolog b; ELKL motif kinase 1; Ser/Thr protein kinase PAR-1B; serine/threonine protein kinase EMK
UniProt Protein Name	Serine/threonine-protein kinase MARK2
UniProt Gene Name	MARK2
UniProt Synonym Gene Names	EMK-1; Par-1b; Par1b
UniProt Entry Name	MARK2_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://www.aaabiotech.com/polyclonal/par-1-mark2-antibody-immunofluorescence-immunohistochemistry-elisa/51425>