

Rabbit MARK3 Polyclonal Antibody | anti-MARK3 antibody

MARK3 antibody - middle region

CATALOG # AAA200577	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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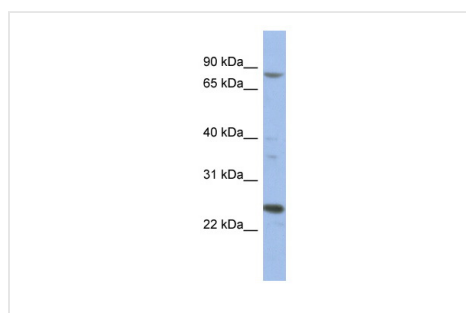
PRODUCT SYNONYMS

MARK3; Polyclonal Antibody; MARK3 antibody - middle region; anti-MARK3 antibody

PRODUCT SPECIFICATIONS

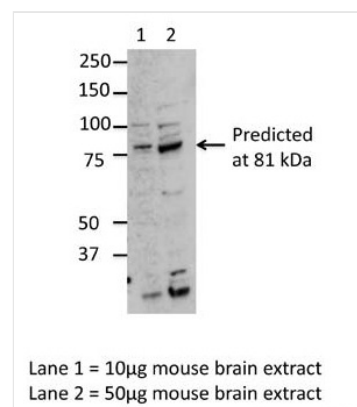
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AT YNGPPASPSL SHEATPLSQT RSRGSTNLFSLKLSKLTRSR NVSAEQKD
Sequence Length	729
Applicable Applications for anti-MARK3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MARK3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-MARK3 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: 293T cell lysate
 MARK3 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Sample Type: Mouse Brain
 Sample Type: Lane 1 = 10ug mouse brain extract; Lane 2 = 50ug mouse brain extract
 Primary Antibody Dilution: Anti-MARK3 1:2500
 Submitted By: Dr. Veronique Dorval, Laval University

ADDITIONAL INFORMATION

Related Product Information for anti-MARK3 antibody	This is a rabbit polyclonal antibody against MARK3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MARK3 is involved in the specific phosphorylation of microtubule-associated proteins for tau, MAP2 and MAP4. Phosphorylates CDC25C on 'Ser-216'.
Product Categories/Family for anti-MARK3 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	731441421
NCBI GeneID	4140
NCBI Accession #	NP_002367
NCBI GenBank Nucleotide #	NM_002376
UniProt Accession #	P27448
Molecular Weight	81kDa
NCBI Official Full Name	MAP/microtubule affinity-regulating kinase 3 isoform c
NCBI Official Synonym Full Names	microtubule affinity regulating kinase 3
NCBI Official Symbol	MARK3
NCBI Official Synonym Symbols	KP78; VIPB; CTAK1; PAR1A; Par-1a
NCBI Protein Information	MAP/microtubule affinity-regulating kinase 3
UniProt Protein Name	MAP/microtubule affinity-regulating kinase 3
UniProt Gene Name	MARK3
UniProt Synonym Gene Names	CTAK1; EMK2; cTAK1; EMK-2; Par-1a
UniProt Entry Name	MARK3_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/mark3-antibody-western-blot-elisa/200577>