

Rabbit POMK Polyclonal Antibody | anti-POMK antibody

POMK Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200061	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot

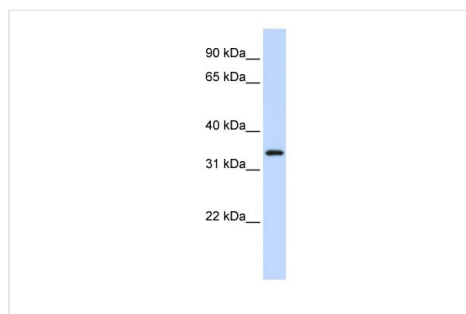
PRODUCT SYNONYMS

POMK; Polyclonal Antibody; POMK Antibody - N-terminal region; anti-POMK antibody

PRODUCT SPECIFICATIONS

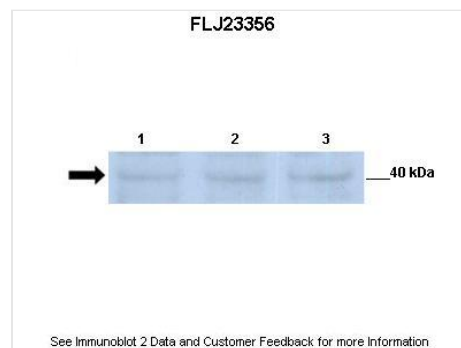
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CE ELRTEVRQLK RVGEGAVKRV FLSEWKEHKV ALSQLTSLEM KDDFLHGL
Sequence Length	350
Applicable Applications for anti-POMK antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FLJ23356
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-FLJ23356 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: 721_B cell lysate



WB (Western Blot)

Lanes: Lane 1: 30ug mouse renal epithelial lysate
 Lane 2: 30ug mouse renal epithelial lysate
 Lane 3: 30ug mouse renal epithelial lysate
 Primary Antibody Dilution: 1:500
 Secondary Antibody: Anti-rabbit-HRP
 Secondary Antibody Dilution: 1:2500
 Gene Name: FLJ23356
 Submitted by: Dr. JUNMING FAN, ECU

ADDITIONAL INFORMATION

Related Product Information for anti-POMK antibody	This is a rabbit polyclonal antibody against FLJ23356. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha-dystroglycan (a-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-POMK antibody	Polyclonal; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149946
NCBI GeneID	84197
NCBI Accession #	NP_115613
NCBI GenBank Nucleotide #	NM_032237
UniProt Accession #	Q9H5K3
Molecular Weight	40kDa
NCBI Official Full Name	protein O-mannose kinase
NCBI Official Synonym Full Names	protein-O-mannose kinase
NCBI Official Symbol	POMK
NCBI Official Synonym Symbols	SGK196; MDDGA12; MDDGC12
NCBI Protein Information	protein O-mannose kinase
UniProt Protein Name	Protein O-mannose kinase
UniProt Gene Name	POMK
UniProt Synonym Gene Names	SGK196; POMK
UniProt Entry Name	SG196_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.