

Rabbit LAMTOR3 Polyclonal Antibody | anti-LAMTOR3 antibody

LAMTOR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40591	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

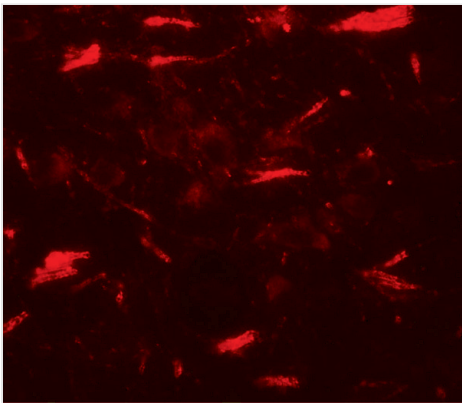
PRODUCT SYNONYMS

LAMTOR3; Polyclonal Antibody; LAMTOR3 Antibody; MP1; MAPBP; MAPKSP1; PRO0633; MAP2K1IP1; Ragulator3; PRO2783; Ragulator complex protein LAMTOR3; MEK-binding partner 1; Mp1; late endosomal/lysosomal adaptor; MAPK and MTOR activator 3; anti-LAMTOR3 antibody

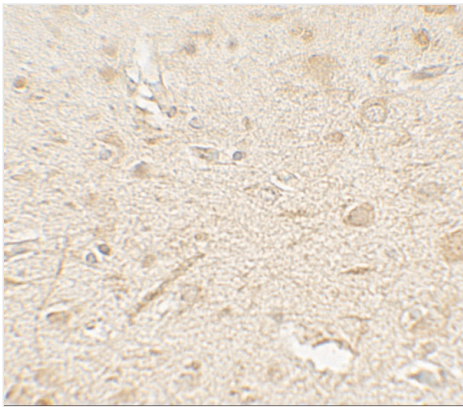
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMTOR3 antibody is human, mouse and rat reactive. At least two isoforms of LAMTOR3 are known to exist; this antibody will detect both isoforms. LAMTOR3 antibody is predicted to not cross-react with other LAMTOR family proteins.
Purity/Purification	LAMTOR3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	124
Applicable Applications for anti-LAMTOR3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LAMTOR3 antibody was raised against an 15 amino acid peptide near the center of human LAMTOR3.
Buffer	LAMTOR3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	LAMTOR3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

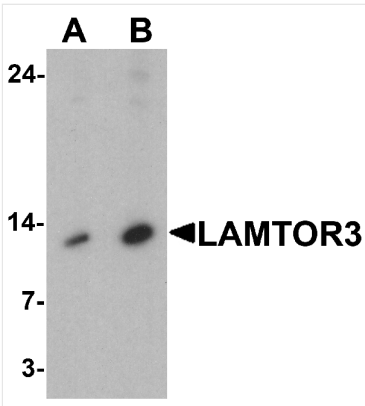
IMAGES



IF (Immunofluorescence)
Immunofluorescence of LAMTOR3 in human brain tissue with LAMTOR3 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of LAMTOR3 in human brain tissue with LAMTOR3 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of LAMTOR3 in human brain tissue lysate with LAMTOR3 antibody at (A) 1 and (B) 2 μ g/ml

ADDITIONAL INFORMATION

Related Product Information for anti-LAMTOR3 antibody

The late endosomal/lysosomal adaptor MAPK and MTOR activator 3 (LAMTOR3) protein belongs to the LAMTOR family of proteins, and together with LAMTOR2 and the MAPK1 and ERK kinase 1 (MEK1) localizes to late endosomes where it is required for the efficient activation of ERK signaling (1,2). This complex is involved in the regulation of late endosomal traffic and cellular proliferation (3) and plays a role in cellular host defense against Salmonella infection (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	11496277
NCBI GeneID	8649
NCBI Accession #	NP_068805
NCBI GenBank Nucleotide #	NM_021970.3
UniProt Accession #	Q9UHA4; Q9H364; B2R4A1; J3KMX4
Molecular Weight	Predicted: 14 kDa Observed: 13 kDa
NCBI Official Full Name	regulator complex protein LAMTOR3 isoform 1
NCBI Official Synonym Full Names	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3

NCBI Official Symbol	LAMTOR3
NCBI Official Synonym Symbols	MP1; MAPBP; MAPKSP1; PRO0633; MAP2K1IP1; Ragulator3
NCBI Protein Information	ragulator complex protein LAMTOR3; MEK binding partner 1; MAPK scaffold protein 1; mitogen-activated protein kinase scaffold protein 1; late endosomal/lysosomal adaptor and MAPK and MTOR activator 3; mitogen-activated protein kinase kinase 1 interacting protein 1
UniProt Protein Name	Ragulator complex protein LAMTOR3
UniProt Gene Name	LAMTOR3
UniProt Synonym Gene Names	MAP2K1IP1; MAPKSP1; Mp1
UniProt Entry Name	LTOR3_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/lamtor3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40591>