

Product datasheet for **TA342911**

MAP2K1IP1 (LAMTOR3) Rabbit Polyclonal Antibody

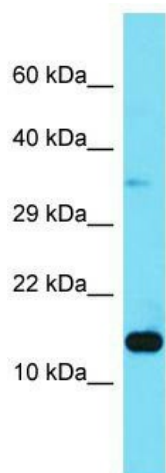
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LAMTOR3 antibody is: synthetic peptide directed towards the N-terminal region of Human LAMTOR3. Synthetic peptide located within the following region: LPSVEGLHAIWSDRDGVPVIKVANDNAPEHALRPGFLSTFALATDQGSK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	13 kDa
Gene Name:	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3
Database Link:	NP_068805 Entrez Gene 8649 Human Q9UHA4
Background:	This gene encodes a scaffold protein that functions in the extracellular signal-regulated kinase (ERK) cascade. The protein is localized to late endosomes by the mitogen-activated protein-binding protein-interacting protein, and binds specifically to MAP kinase kinase MAP2K1/MEK1, MAP kinase MAPK3/ERK1, and MAP kinase MAPK1/ERK2. Studies of the orthologous gene in mouse indicate that it regulates late endosomal traffic and cell proliferation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 13.



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Synonyms:	MAP2K1IP1; MAPBP; MAPKSP1; MP1; PRO0633; Ragulator3
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%
Protein Families:	Druggable Genome
Protein Pathways:	MAPK signaling pathway

Product images:

Host: Rabbit; Target Name: LAMTOR3; Sample Tissue: 293T Whole Cell lysates; Antibody Dilution: 1.0 ug/ml LAMTOR3 is supported by BioGPS gene expression data to be expressed in HEK293T