



LTOR3 Polyclonal Antibody

Catalog No	YP-Ab-06485
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	LAMTOR3 MAP2K1IP1 MAPKSP1 PRO2783
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	LTOR3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LAMTOR3;MAP2K1IP1;MAPBP;MAPK scaffold protein 1;MAPKSP1;MEK binding partner 1;MP1;LTOR3;LAMTOR3 MAP2K1IP1 MAPKSP1 PRO2783; Ragulator complex protein LAMTOR3 (Late endosomal/lysosomal adaptor and MAPK and MTOR activator 3) (MEK-binding partner 1) (Mp1) (Mitogen-activated protein kinase kinase 1-interacting protein 1) (Mito
Observed Band	13kD
Calculated Molecular Weight	13kD
Cell Pathway	Late endosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Tissue Specificity	Brain,Dendritic cell,Fetal liver,Liver,Lung
Function	function:Adapter protein that enhances the efficiency of the MAP kinase cascade. Facilitates the activation of MAPK2.,similarity:Belongs to the MAPKSP1 family.,subunit:Interacts with MAP2K1 and MAPK2. Interacts with MORG1 (By similarity). Heterodimer with MAPBPIP.,
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. [provided by RefSeq, Aug 2011],

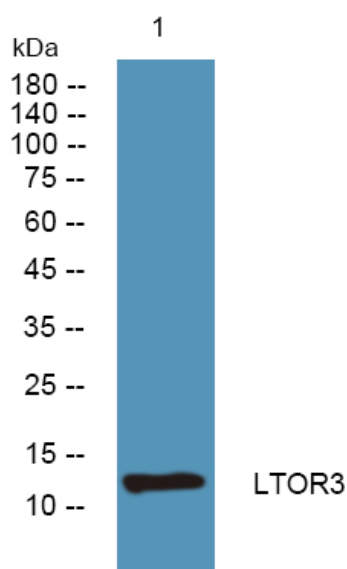
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night