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Mouse Mst4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14072c

Product Information

Application	WB, E
Primary Accession	Q99JT2
Other Accession	Q9P289, NP_598490.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34643
Calculated MW	46614
Antigen Region	271-299

Additional Information

Gene ID	70415
Other Names	Serine/threonine-protein kinase 26, Stk26 {ECO:0000312|MGI:MGI:1917665}
Target/Specificity	This Mouse Mst4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 271-299 amino acids from the Central region of mouse Mst4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Mst4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Stk26 {ECO:0000312|MGI:MGI:1917665}
Function	Serine/threonine-protein kinase that acts as a mediator of cell growth. Modulates apoptosis. In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation. Phosphorylates

ATG4B at 'Ser-383', thereby increasing autophagic flux. Part of the striatin-interacting phosphatase and kinase (STRIPAK) complexes. STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9P289}. Golgi apparatus {ECO:0000250|UniProtKB:Q9P289}. Note=Colocalized with RIPOR1 in the Golgi of serum-starved cells and relocated to cytoplasmic punctae, probably vesicular compartments, along with RIPOR1 upon serum stimulation in a Rho- and PDCD10-dependent manner {ECO:0000250|UniProtKB:Q9P289}

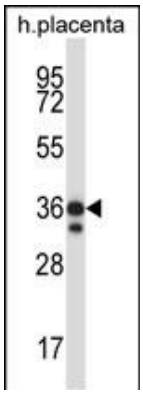
Background

Mediator of cell growth. Modulates apoptosis (By similarity).

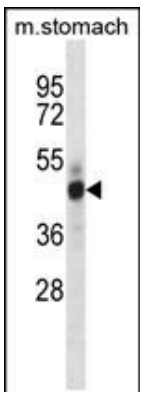
References

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

Images



Mouse Mst4 Antibody (Center) (Cat. #AP14072c) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the Mst4 antibody detected the Mst4 protein (arrow).



Mouse Mst4 Antibody (Center) (Cat. #AP14072c) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the Mst4 antibody detected the Mst4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.