10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Mst4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14072c

Specification

Mouse Mst4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q99JT2
Other Accession	Q9P289, NP_598490.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46614**
Antigen Region	**271-299**

Mouse Mst4 Antibody (Center) - 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

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.

Mouse Mst4 Antibody (Center) - 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.

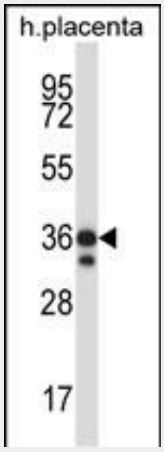
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9P289}. Golgi apparatus {ECO:0000250|UniProtKB:Q9P289}. Note=Colocalized with RIPOR1 in the Golgi of serum-starved cells and relocated to cytoplasmic punctae, probably vesicular compartments, along with RIPOR1 upon serum stimulation in a Rho- and PDCD10-dependent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

Mouse Mst4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

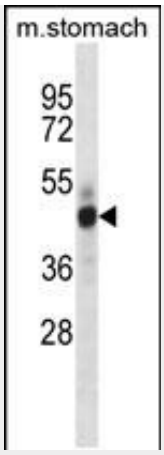
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Mst4 Antibody (Center) - 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).

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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).

Mouse Mst4 Antibody (Center) - Background

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

Mouse Mst4 Antibody (Center) - References

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