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MST4 Antibody

Rabbit mAb
Catalog # AP92983

Product Information

Application	WB, IHC
Primary Accession	Q9P289
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	MASK; Mst4; STE20 like kinase MST4; STK26;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46529

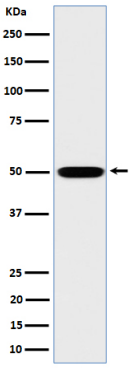
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MST4
Description	Mediator of cell growth. Modulates apoptosis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	STK26 (HGNC:18174)
Function	Serine/threonine-protein kinase that acts as a mediator of cell growth (PubMed:11641781, PubMed:17360971). Modulates apoptosis (PubMed:11641781, PubMed:17360971). In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation (PubMed:27807006). Phosphorylates ATG4B at 'Ser- 383', thereby increasing autophagic flux (PubMed:29232556). 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 (PubMed:18782753).
Cellular Location	Cytoplasm. Golgi apparatus 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 (PubMed:27807006).

Images



Western blot analysis of MST4 expression in HeLa cell lysate.