

Anti-MST4 Rabbit Monoclonal Antibody
Catalog # ABO16443**Specification****Anti-MST4 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	Q9P289
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-MST4 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-MST4 Rabbit Monoclonal Antibody - Additional Information

Gene ID 51765

Other Names

Serine/threonine-protein kinase 26, 2.7.11.1, MST3 and SOK1-related kinase, Mammalian STE20-like protein kinase 4, MST-4, STE20-like kinase MST4, Serine/threonine-protein kinase MASK, STK26 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18174)
target="_blank">HGNC:18174)

Calculated MW

50 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human MST4

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-MST4 Rabbit Monoclonal Antibody - 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

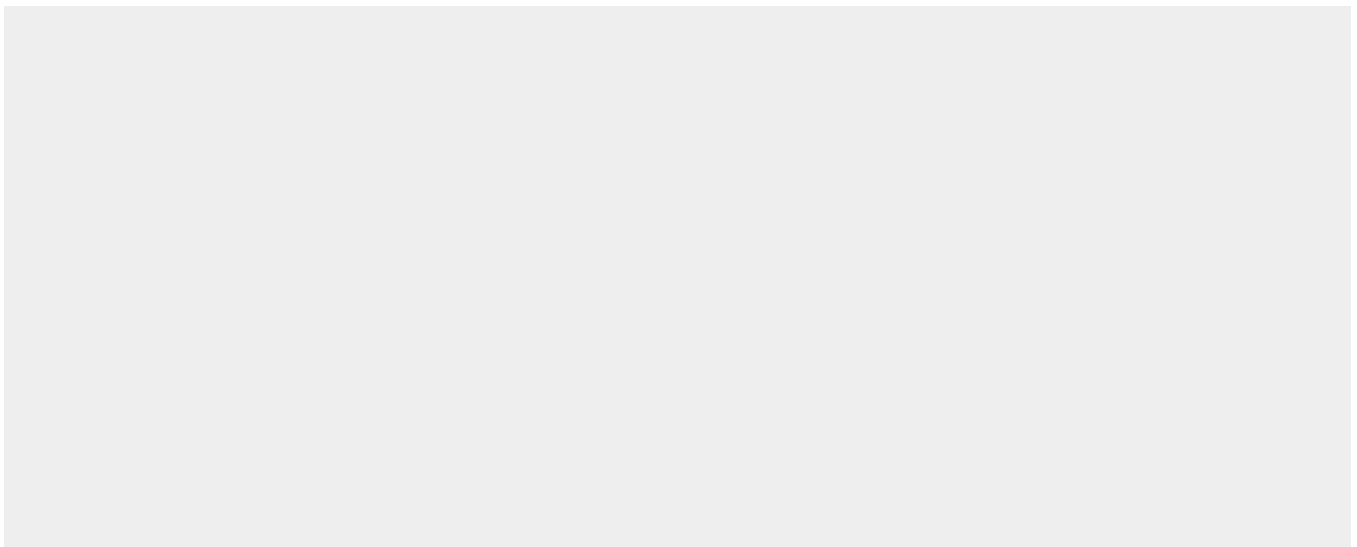
Cytoplasm. Golgi apparatus Note=Colocalized with RIPOR1 in the Golgi of serum-starved cells and relocated to cytoplasmic punctae, probably vesicular compartments, along with RIPOR1 upon serum stimulation in a Rho- and PDCD10-dependent manner (PubMed:27807006).

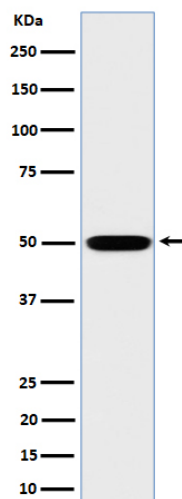
Anti-MST4 Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MST4 Rabbit Monoclonal Antibody - Images





Western blot analysis of MST4 expression in HeLa cell lysate.