

STK26 / MST4 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14551**Specification**

STK26 / MST4 Antibody (C-Terminus) - Product Information

Application	WB, IHC
Primary Accession	O9P289
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	47kDa KDa

STK26 / MST4 Antibody (C-Terminus) - 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)

Target/Specificity

Human MST4. This antibody is expected to recognize all three reported isoforms (NP_057626.2, NP_001035918.1 and NP_001035917.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

STK26 / MST4 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

STK26 / MST4 Antibody (C-Terminus) - Protein Information**Name** STK26 ([HGNC:18174](#))**Function**

Serine/threonine-protein kinase that acts as a mediator of cell growth (PubMed:<http://www.uniprot.org/citations/11641781>)>11641781, PubMed:<http://www.uniprot.org/citations/17360971>)>17360971). Modulates apoptosis (PubMed:<http://www.uniprot.org/citations/11641781>)>11641781, PubMed:<http://www.uniprot.org/citations/17360971>)>17360971). In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation (PubMed:<http://www.uniprot.org/citations/27807006>)>27807006). Phosphorylates ATG4B at 'Ser- 383', thereby increasing autophagic flux (PubMed:29232556).

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).

STK26 / MST4 Antibody (C-Terminus) - Protocols

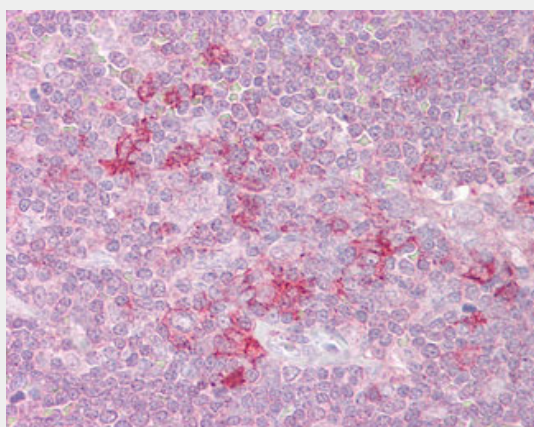
Provided below are standard protocols that you may find useful for product applications.

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

STK26 / MST4 Antibody (C-Terminus) - Images



Antibody staining (0.5 ug/ml) of Jurkat lysate (RIPA buffer, 35 ug total protein per lane).



Anti-MST4 antibody IHC of human thymus.

STK26 / MST4 Antibody (C-Terminus) - Background

Mediator of cell growth. Modulates apoptosis.

STK26 / MST4 Antibody (C-Terminus) - References

Lin J.-L.,et al.Oncogene 20:6559-6569(2001).
Qian Z.,et al.J. Biol. Chem. 276:22439-22445(2001).
Dan I.,et al.J. Biol. Chem. 277:5929-5939(2002).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).