

ARG63182 anti-MST4 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MST4
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize all three reported isoforms (NP_057626.2, NP_001035918.1 and NP_001035917.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MST4
Species	Human
Immunogen	KLIEKFQKCSADESP
Conjugation	Un-conjugated
Alternate Names	Serine/threonine-protein kinase MASK; MST3 and SOK1-related kinase; MST4; STE20-like kinase MST4; MASK; MST-4; Mammalian STE20-like protein kinase 4; EC 2.7.11.1; Serine/threonine-protein kinase 26

Application Instructions

Application table	Application	Dilution
	IHC-P	2.5 µg/ml
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

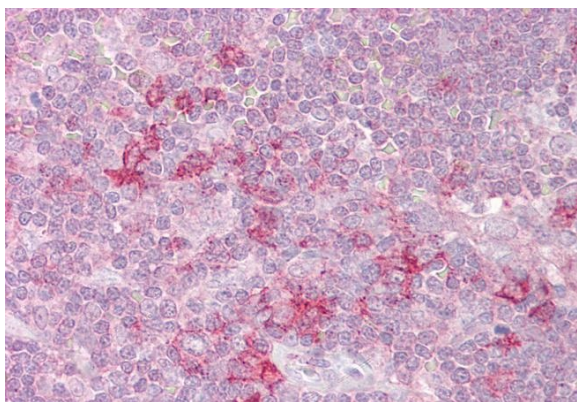
Database links	GeneID: 51765 Human Swiss-port # Q9P289 Human
Background	The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	47 kDa

Images



ARG63182 anti-MST4 antibody WB image

Western Blot: Jurkat lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63182 anti-MST4 antibody at 0.5 µg/ml dilution.



ARG63182 anti-MST4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63182 anti-MST4 antibody at 2.5 µg/ml dilution followed by AP-staining.