

SAST124 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56620**Specification****SAST124 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9Y2H9
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	170677

SAST124 Polyclonal Antibody - Additional Information**Gene ID** 22983**Other Names**

Microtubule-associated serine/threonine-protein kinase 1, 2.7.11.1, Syntrophin-associated serine/threonine-protein kinase, MAST1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19034)
HGNC:19034

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
ICC ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SAST124 Polyclonal Antibody - Protein Information**Name** MAST1 ([HGNC:19034](#))**Function**

Microtubule-associated protein essential for correct brain development (PubMed: [30449657](http://www.uniprot.org/citations/30449657)). Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9R1L5}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q9R1L5}; Cytoplasmic side {ECO:0000250|UniProtKB:Q9R1L5}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9R1L5}. Cell projection, axon {ECO:0000250|UniProtKB:Q9R1L5}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9R1L5}.

Note=Also localized in the soma of neurons. Observed as punctate clusters in the processes of interneurons and along the cell body periphery. Colocalizes with syntrophins at the cell membrane. {ECO:0000250|UniProtKB:Q9R1L5}

Tissue Location

Expressed in fetal brain.

SAST124 Polyclonal 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](#)

SAST124 Polyclonal Antibody - Images