

MAST1 Polyclonal Antibody

Catalog number: 13305-1-AP

Size: 30 µg/150 µl

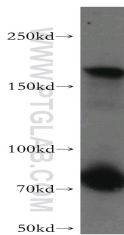
Source: Rabbit

Isotype: IgG

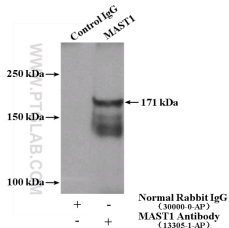
Synonyms:

MAST1; KIAA0973, MAST1,

SAST, SAST170



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13305-1-AP(MAST1 antibody) at dilution of 1:300



IP Result of anti-MAST1 (IP:13305-1-AP, 4µg; Detection:13305-1-AP 1:500) with mouse brain tissue lysate 4000µg.

Background

MAST1(microtubule associated serine/threonine kinase 1) is also named as KIAA0973, SAST(syntrophin-associated serine/threonine-protein kinase), SAST170 and belongs to the family of microtubule-associated serine/threonine kinases, which has a unique structural feature with a serine/threonine kinase domain and a postsynaptic density protein-95/discs large/zona occludens-1 domain(PMID:12614677). This protein plays a role in a broad range of neural functions and it appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated MAST1 MW:	1570aa,171 kDa
Observed MAST1 MW:	171 kDa
Positive WB detected in	Mouse brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4126
GenBank accession number:	BC027985
Gene ID (NCBI):	22983
Full name:	Microtubule associated serine/threonine kinase 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.