

Anti-MAST4 Antibody
Catalog # AP53756**Specification**

Anti-MAST4 Antibody - Product Information

Application	WB, IF, IHC
Primary Accession	O15021
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	284097

Anti-MAST4 Antibody - Additional Information**Gene ID** 375449**Other Names**

KIAA0303; Microtubule-associated serine/threonine-protein kinase 4

Target/Specificity

Recognizes endogenous levels of MAST4 protein.

Dilution

WB~~1/500 - 1/1000

IF~~1/50 - 1/200

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-MAST4 Antibody - Protein Information**Name** MAST4 ([HGNC:19037](#))**Cellular Location**

Cytoplasm.

Tissue Location

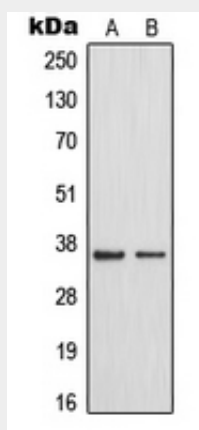
Highly expressed in most normal human tissues, with an exception of in testis, small intestine, colon and peripheral blood leukocyte.

Anti-MAST4 Antibody - Protocols

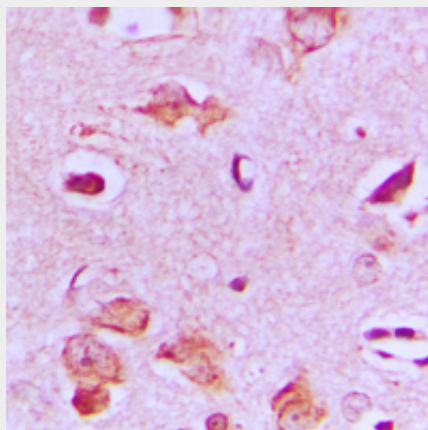
Provided below are standard protocols that you may find useful for product applications.

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

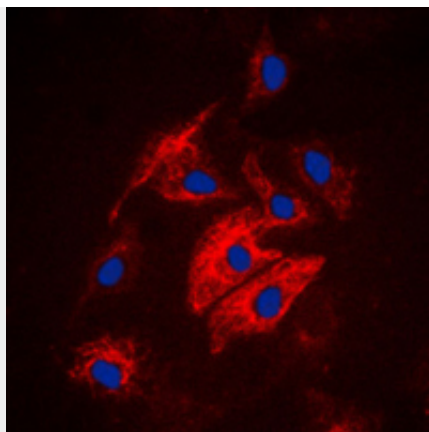
Anti-MAST4 Antibody - Images



Western blot analysis of MAST4 expression in HeLa (A), HuvEc (B) whole cell lysates.



Immunohistochemical analysis of MAST4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of MAST4 staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Anti-MAST4 Antibody - Background

Rabbit polyclonal antibody to MAST4