

MAST205 Polyclonal Antibody
Catalog # AP70841**Specification**

MAST205 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6P0Q8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

MAST205 Polyclonal Antibody - Additional Information**Gene ID** 23139**Other Names**

MAST2; KIAA0807; MAST205; Microtubule-associated serine/threonine-protein kinase 2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MAST205 Polyclonal Antibody - Protein Information**Name** MAST2 {ECO:0000312|EMBL:CAH73245.1}**Function**

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. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side
Note=Recruited to the sub-membranous area on interaction with CDHR2

Tissue Location

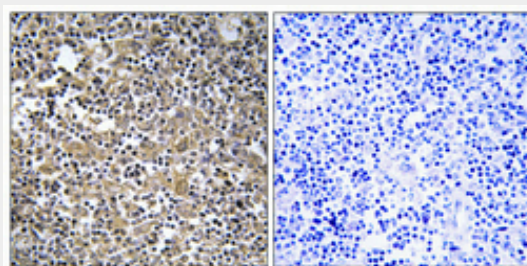
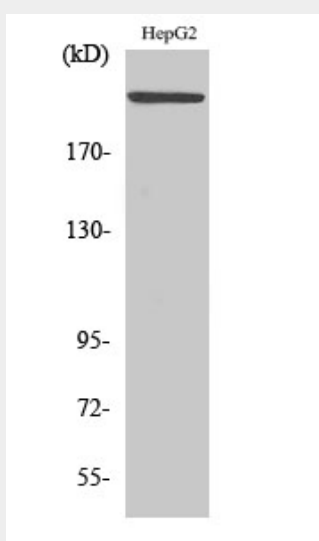
Abundant in the testis.

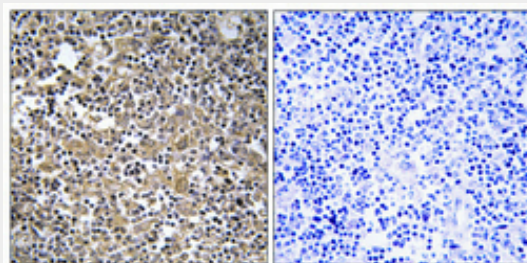
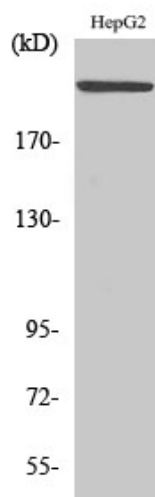
MAST205 Polyclonal Antibody - Protocols

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](#)

MAST205 Polyclonal Antibody - Images





MAST205 Polyclonal Antibody - Background

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. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation (By similarity).