

MAST2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51331**Specification**

MAST2 Antibody - Product Information

Application	WB, IP, ICC, IHC-P, E
Primary Accession	Q6P0Q8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	205 KDa

MAST2 Antibody - Additional Information**Gene ID** 23139**Other Names**Microtubule-associated serine/threonine-protein kinase 2, MAST2
{ECO:0000312|EMBL:CAH732451}**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

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

MAST2 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.

MAST2 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](#)

MAST2 Antibody - Images

MAST2 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).

MAST2 Antibody - References

Okazaki N.,et al.Carcinogenesis 23:1139-1148(2002).
Gregory S.G.,et al.Nature 441:315-321(2006).
Nagase T.,et al.DNA Res. 5:277-286(1998).
Ohara O.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).