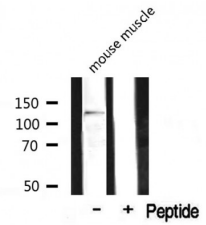
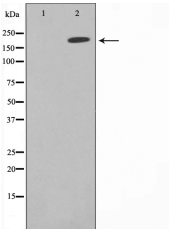
MAST2 Ab

Cat.#: AF0571	Concn.: 1mg/ml	Mol.Wt.: 196kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	MAST2 Ab detects endogenous levels of MAST2.
Immunogen:	A synthesized peptide derived from human MAST2.
Uniprot:	Q6P0Q8
Description:	MAST2 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-kappaB activation. 2 isoforms of the human protein are produced by alternative splicing.
Subcellular Location:	Cytoplasm > cytoskeleton. Cell membrane. Recruited to the sub-membranous area on interaction with CDHR2.
Tissue Specificity:	Abundant in the testis.
Similarity:	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on mouse muscle lysate using MAST2 Ab



Western blot analysis on Jurkat cell lysate using MAST2 Ab,The lane on the left is treated with the antigen-specific peptide.

AF0571 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.