

# MAST1 Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP11139

Host Rabbit

Isotype IgG

Size 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human protein . at AA range: 300-380

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Microtubule-associated serine/threonine-protein kinase 1

Synonyms Microtubule-associated serine/threonine-protein kinase 1 ;EC 2.7.11.1;Syntrophin-associated

serine/threonine-protein kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,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.,Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,Contains 1 AGC-kinase C-terminal domain.,Contains 1 PDZ (DHR) domain.,Contains 1 protein kinase domain.,subcellular location:Colocalizes with syntrophins at the cell membrane.,subunit:Part of a low affinity complex that associates with, but is distinct from, the post-synaptic density. Interacts with SNTB2.,

### Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

## **Images**

No images.

#### Storage

-20°C for 1 year