



Rabbit Anti-MAST4 antibody

SL18689R

Product Name:	MAST4
Chinese Name:	微管相关丝氨酸/苏氨酸激酶4抗体
Alias:	EC 2.7.11.1; KIAA0561; MAST 3; MAST3; MAST3_HUMAN; Microtubule associated serine/threonine protein kinase 3; Microtubule-associated serine/threonine-protein kinase 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Chimpanzee,Rhesus monkey, Gorilla
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	284kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAST4:101-200/2626
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the microtubule-associated serine/threonine protein kinases. The proteins in this family contain a domain that gives the kinase the ability to determine its own scaffold to control the effects of their kinase activities. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]

Subcellular Location:

Cytoplasm.

Tissue Specificity:

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

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

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.

SWISS:

O15021

Gene ID:

375449

Database links:

[Entrez Gene: 461838](#) Chimpanzee

[Entrez Gene: 742730](#) Chimpanzee

[Entrez Gene: 375449](#) Human

[SwissProt: O15021](#) Human

[Unigene: 595458](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.