

Rabbit anti-Human MASTL Polyclonal Antibody | anti-MASTL antibody

Rabbit anti-MASTL Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211797	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MASTL; Polyclonal Antibody; Rabbit anti-MASTL Antibody; Affinity Purified; GW; THC2; serine/threonine-protein kinase greatwall; Microtubule-associated serine/threonine-protein kinase-like; MAST-L; hGWL; greatwall protein kinase; greatwall kinase homolog; GREATWALL; GWL; Serine/threonine-protein kinase greatwall; microtubule associated serine/threonine kinase like; anti-MASTL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MASTL antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 575 and 625
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



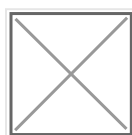
WB (Western Blot)

Detection of human MASTL by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MASTL antibody AAA211797 (lot AAA211797-4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human MASTL by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MASTL antibody AAA211797 (lot AAA211797-4) used for IP at 3 ug per reaction. MASTL was also immunoprecipitated by a previous lot of this antibody (lot AAA211797-3). For blotting immunoprecipitated MASTL, AAA211797 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human MASTL by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MASTL (Cat. No. AAA211797 Lot4) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MASTL antibody	MASTL (microtubule-associated serine/threonine-protein kinase-like) is an uncharacterized putative serine/threonine kinase which may be involved in megakaryocyte development. Defects in MASTL are the cause of thrombocytopenia type 2 (THC2) a disease characterized by decreased circulating platelets and increased potential for bleeding.
Product Categories/Family for anti-MASTL antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	254540066
NCBI GeneID	67121
NCBI Accession #	NP_080255.3
NCBI GenBank Nucleotide #	NM_025979.4
UniProt Accession #	Q96GX5; Q3MIA9; Q5RJW0; Q6NXX9; Q8BVF3; Q9CZH9; Q9D9V0; A2AQY2; Q8C0P0
Molecular Weight	95,975 Da
NCBI Official Full Name	serine/threonine-protein kinase greatwall
NCBI Official Synonym Full Names	microtubule associated serine/threonine kinase-like
NCBI Official Symbol	Mastl
NCBI Official Synonym Symbols	GW; GWL; THC2; C88295; MAST-L; 2700091H24Rik
NCBI Protein Information	serine/threonine-protein kinase greatwall; microtubule-associated serine/threonine-protein kinase-like
UniProt Protein Name	Serine/threonine-protein kinase greatwall
UniProt Gene Name	MASTL
UniProt Synonym Gene Names	GW; GWL; THC2; GW; GWL; hGWL; MAST-L
UniProt Entry Name	GWL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.