

Rabbit anti-Human, Mouse MALT1 Polyclonal Antibody | anti-MALT1 antibody

MALT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36927	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

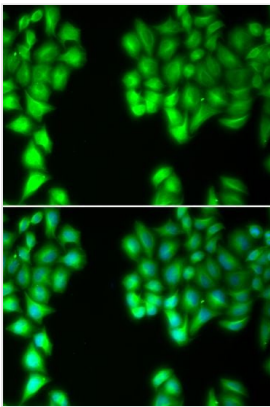
PRODUCT SYNONYMS

MALT1; Polyclonal Antibody; MALT1 Polyclonal Antibody; DKFZp434L132; MLT; MLT1; anti-MALT1 antibody

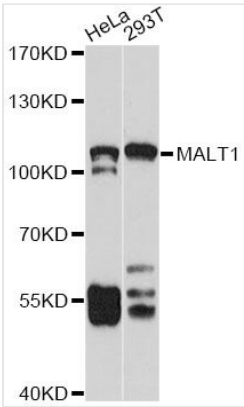
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	824
Applicable Applications for anti-MALT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MALT1
Calculated Molecular Weight	92kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using MALT1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MALT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MALT1 antibody	Mucosa-associated lymphoid tissue translocation gene 1 (MALT1) is a paracaspase that is a critical mediator of T-cell receptor activation of NF-kappaB and may contribute to the progression of MALT lymphomas (1-4). It contains two immunoglobulin-like domains, an amino-terminal death domain and a carboxy-terminal caspase-like domain. Association of MALT1 with Bcl-10 and CARD11/Carma1 leads to activation of IKK and subsequent stimulation of NF-kappaB, resulting in increased proliferation and inhibition of apoptosis (5,6). A common translocation in MALT B-cell non-Hodgkin lymphomas t(11;18)(q21;q21) results in the fusion of the amino terminus of API2 (c-IAP2), a member of the inhibitor of apoptosis protein family, to the carboxy terminus of MALT1 (1,2). The API2-MALT1 fusion protein likely leads to deregulation of NF-kappaB, contributing to increased oncogenic potential (7).
Product Categories/Family for anti-MALT1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455075
NCBI GeneID	10892
UniProt Accession #	Q9UDY8; Q9NTB7; Q9ULX4
Molecular Weight	824
NCBI Official Full Name	Mucosa-associated lymphoid tissue lymphoma translocation protein 1
NCBI Official Synonym Full Names	MALT1 paracaspase
NCBI Official Symbol	MALT1
NCBI Official Synonym Symbols	MLT; MLT1; IMD12
NCBI Protein Information	mucosa-associated lymphoid tissue lymphoma translocation protein 1; paracaspase; MALT1 protease; caspase-like protein; MALT lymphoma-associated translocation; mucosa associated lymphoid tissue lymphoma translocation gene 1
UniProt Protein Name	Mucosa-associated lymphoid tissue lymphoma translocation protein 1
UniProt Gene Name	MALT1
UniProt Synonym Gene Names	MLT
UniProt Entry Name	MALT1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/malt1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36927>