



Rabbit Anti-MALT1 antibody

SL6863R

Product Name:	MALT1
Chinese Name:	粘膜相关淋巴组织淋巴瘤Transporter1抗体
Alias:	Caspase like protein; DKFZp434L132; MALT 1; MALT associated translocation; MALT lymphoma associated translocation; MALT lymphoma-associated translocation; Malt1; MALT1_HUMAN; MLT 1; MLT; MLT1; Mucosa associated lymphoid tissue lymphoma translocation gene 1; Mucosa associated lymphoid tissue lymphoma translocation protein 1; Mucosa-associated lymphoid tissue lymphoma translocation protein 1; Paracaspase.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	91kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MALT1:631-730/824
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 has been found to be recurrently rearranged in chromosomal translocation with two other genes - baculoviral IAP repeat-containing protein 3 (also known as

apoptosis inhibitor 2) and immunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protein encoded by this gene may play a role in NF-kappaB activation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008].

Function:

Enhances BCL10-induced activation of NF-kappa-B. Involved in nuclear export of BCL10. Binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity. Has ubiquitin ligase activity. MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion.

Subunit:

Binds through its Ig-like domains to BCL10. Forms oligomers which bind to TRAF6.

Subcellular Location:

Cytoplasm, perinuclear region. Nucleus. Note=Shuttles between the nucleus and cytoplasm. Found in perinuclear structures together with BCL10.

Tissue Specificity:

Highly expressed in peripheral blood mononuclear cells. Detected at lower levels in bone marrow, thymus and lymph node, and at very low levels in colon and lung.

DISEASE:

Note=A chromosomal aberration involving MALT1 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation t(11;18)(q21;q21) with BIRC2. This translocation is found in approximately 50% of cytogenetically abnormal low-grade MALT lymphoma.

Similarity:

Belongs to the peptidase C14B family.

Contains 1 death domain.

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

Q9UDY8

Gene ID:

10892

Database links:

[Entrez Gene: 10892](#)Human

[Entrez Gene: 240354](#)Mouse

[Omim: 604860](#)Human

[SwissProt: Q9UDY8](#)Human

[SwissProt: Q2TBA3](#)Mouse

[Unigene: 601217](#)Human

[Unigene: 132613](#)Mouse

Important Note:

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

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