
Summary

Production Name	MALT1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MALT1
Alternative Names	MALT1; MLT; Mucosa-associated lymphoid tissue lymphoma translocation protein 1; MALT lymphoma-associated translocation; Paracaspase
Gene ID	10892.0
SwissProt ID	Q9UDY8.The antiserum was produced against synthesized peptide derived from human MALT1. AA range:301-350

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. . ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	90kD

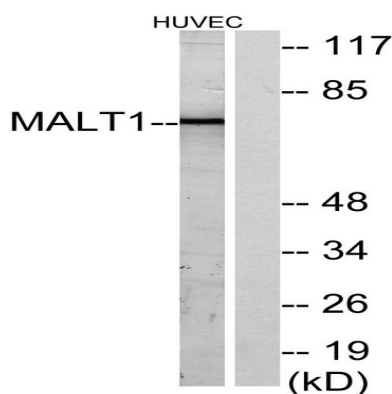
Background

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],disease: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.,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 BCL-10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion.,similarity:Belongs to the peptidase C14B family.,similarity:Contains 1 death domain.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Shuttles between the nucleus and cytoplasm. Found in perinuclear structures together with BCL10.,subunit:Binds through its Ig-like domains to BCL10. Forms oligomers which bind to TRAF6.,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.,

Research Area

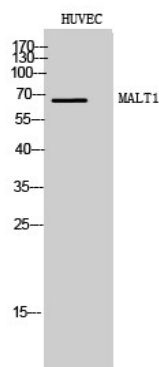
T_Cell_Receptor;B_Cell_Antigen;

Image Data

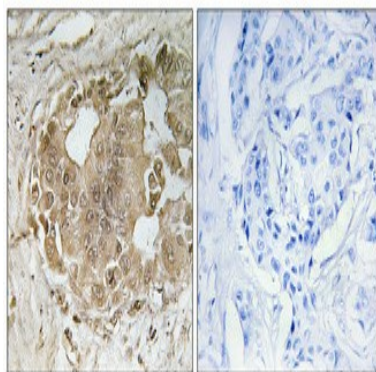


Western blot analysis of lysates from HUVEC cells, using MALT1 Antibody. The lane on the right is blocked with the synthesized peptide.

Product Name: MALT1 Rabbit Polyclonal Antibody
Catalog #: APRab13608



Western Blot analysis of HUVEC cells using MALT1 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Note

For research use only.