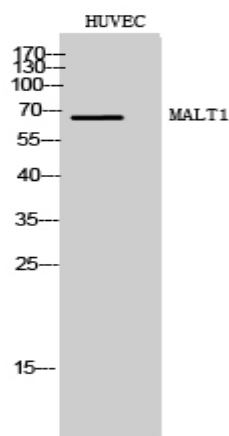


MALT1 Polyclonal Antibody

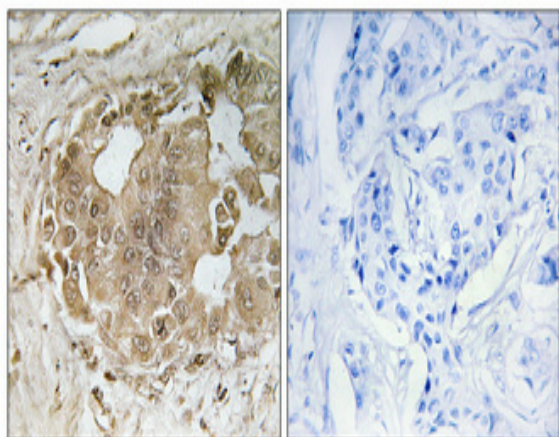
Catalog No :	YT2630
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	MALT1
Fields :	>>NF-kappa B signaling pathway;>>C-type lectin receptor signaling pathway;>>T cell receptor signaling pathway;>>B cell receptor signaling pathway;>>Shigellosis;>>Tuberculosis
Gene Name :	MALT1
Protein Name :	Mucosa-associated lymphoid tissue lymphoma translocation protein 1
Human Gene Id :	10892
Human Swiss Prot No :	Q9UDY8
Mouse Gene Id :	240354
Mouse Swiss Prot No :	Q2TBA3
Immunogen :	The antiserum was produced against synthesized peptide derived from human MALT1. AA range:301-350
Specificity :	MALT1 Polyclonal Antibody detects endogenous levels of MALT1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	<u>1 mg/ml</u>
Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Observed Band :	<u>90kD</u>
Cell Pathway :	<u>T_Cell_Receptor;B_Cell_Antigen;</u>
Background :	<u>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],</u>
Function :	<u>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</u>
Subcellular Location :	<u>Cytoplasm, perinuclear region . Nucleus . Shuttles between the nucleus and cytoplasm. Found in perinuclear structures together with BCL10. .</u>
Expression :	<u>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.</u>

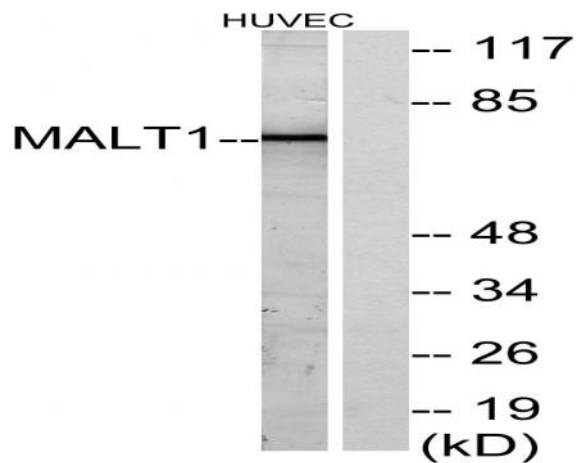
Products Images



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) obtained from antibody was pre-absorbed by immunogen peptide.



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