E92144

MALT1Polyclonal Antibody

Catalog Number: E92144
Amount: 100ul
Background: Mucosa-associated lymphoid tissue translocation gene 1 (MALT1) is a paracaspase that is a critical mediator of T-cell receptor activation of NF-κB 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-κB, 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-κB, contributing to increased oncogenic potential (7).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: DKFZp434L132; MLT; MLT1;
Immunogen: Recombinant proteinof human MALT1
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 92kDa
Swiss-Prot No. : Q9UDY8
Gene ID: 10892
References: 1. Akagi, T. et al. (1999) Oncogene 18, 5785-5794. 2. Uren, A.G. et al. (2000) Mol. Cell 6, 961-967. 3. Ruland, J. et al. (2003) Immunity 19, 749-758. 4. Nakagawa, M. et al. (2006) Leukemia 20, 929-936. 5. Che, T. et al. (2004) J. Biol. Chem. 279, 15870-15876. 6. Lucas, P.C. et al. (2001) J. Biol. Chem. 276, 19012-19019. 7. Ho, L. et al. (2005) Blood 105, 2891-2899.

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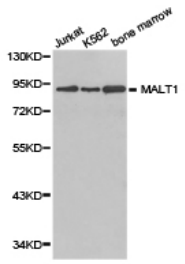
WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of variouscell lines, using MALT1antibody.

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