10320 Camino Santa Fe, Suite G
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LEU5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58436

Specification

LEU5 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, E**
Primary Accession	O60858
Reactivity	**Rat, Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46988**

LEU5 Polyclonal Antibody - Additional Information

Gene ID 10206

Other Names
E3 ubiquitin-protein ligase TRIM13, 2.3.2.27, B-cell chronic lymphocytic leukemia tumor suppressor Leu5, Leukemia-associated protein 5, Putative tumor suppressor RFP2, RING finger protein 77, RING-type E3 ubiquitin transferase TRIM13, Ret finger protein 2, Tripartite motif-containing protein 13, TRIM13, LEU5, RFP2, RNF77

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

LEU5 Polyclonal Antibody - Protein Information

Name TRIM13

Synonyms LEU5, RFP2, RNF77

Function
Endoplasmic reticulum (ER) membrane anchored E3 ligase involved in the retrotranslocation and turnover of membrane and secretory proteins from the ER through a set of processes named ER-associated degradation (ERAD). This process acts on misfolded proteins as well as in the regulated degradation of correctly folded proteins. Enhances ionizing radiation-induced p53/TP53 stability and apoptosis via ubiquitinating MDM2 and AKT1 and decreasing AKT1 kinase activity through

MDM2 and AKT1 proteasomal degradation. Regulates ER stress- induced autophagy, and may act as a tumor suppressor (PubMed:22178386). Also plays a role in innate immune response by stimulating NF-kappa-B activity in the TLR2 signaling pathway. Ubiquitinates TRAF6 via the 'Lys-29'-linked polyubiquitination chain resulting in NF-kappa-B activation (PubMed:28087809). Participates as well in T-cell receptor- mediated NF-kappa-B activation (PubMed:25088585). In the presence of TNF, modulates the IKK complex by regulating IKBKG/NEMO ubiquitination leading to the repression of NF-kappa-B (PubMed:25152375).

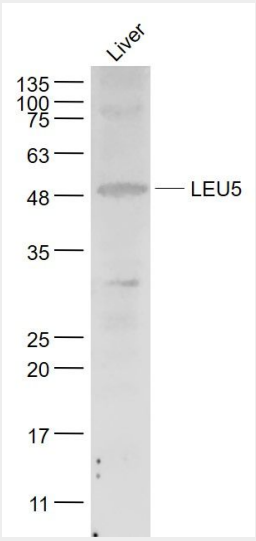
Cellular Location
Endoplasmic reticulum membrane; Single-pass membrane protein Note=Concentrates and colocalizes with p62/SQSTM1 and ZFYVE1 at the perinuclear endoplasmic reticulum

LEU5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LEU5 Polyclonal Antibody - Images



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti- LEU5 (bs-6395R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 47 kD
Observed band size: 48 kD

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