

LEU5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58436**Specification**

LEU5 Polyclonal Antibody - Product Information

Application	WB
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

Format

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

Storage

Store at -20 °C 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 °C.

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

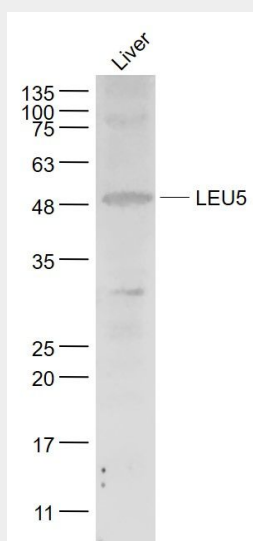
Endoplasmic reticulum membrane; Single-pass membrane protein Note=Concentrates and colocalizes with p62/SQSTM1 and ZFYVE1 at the perinuclear endoplasmic reticulum

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 Cytometry](#)
- [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