



Rabbit Anti-LEU5 antibody

SL6395R

Product Name:	LEU5
Chinese Name:	白血病相关蛋白5抗体
Alias:	B cell chronic lymphocytic leukemia tumor suppressor Leu5; CAR; DLEU5; HGNC:9976; LEU5; Leukemia associated protein 5; Putative tumor suppressor RFP2; Ret finger protein 2; RING finger protein 77; RNF77; TRIM13; Tripartite motif protein 13; TRI13 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LEU5/RFP2:151-250/407
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript

variants have been found for this gene.

Function:

E3 ubiquitin 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.

Subunit:

Interacts (via C-terminal domain) with VCP. Interacts with AKT1; the interaction ubiquitinates AKT1 and leads to its proteasomal degradation. Interacts with MDM2; the interaction ubiquitinates AKT1 and leads to its proteasomal degradation. Interacts with p62/SQSTM1.

Subcellular Location:

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

Post-translational modifications:

Auto-ubiquitinated; requires the RING-type zinc finger. Auto-polyubiquitination leads to proteasomal degradation.

Similarity:

Belongs to the TRIM/RBCC family.
Contains 1 B box-type zinc finger.
Contains 1 RING-type zinc finger.

SWISS:

O60858

Gene ID:

10206

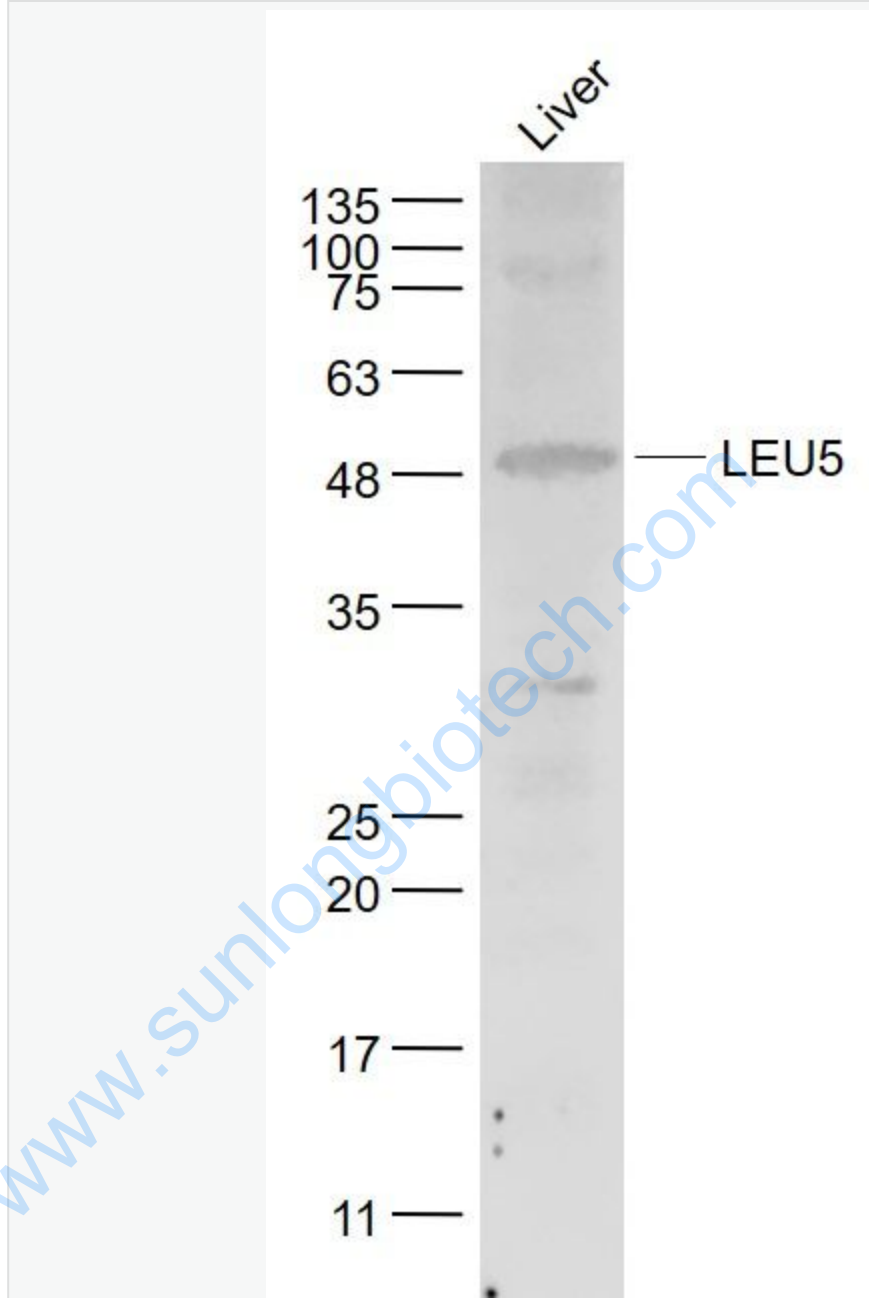
Database links:

UniProtKB/Swiss-Prot: O60858.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Liver (Mouse) Lysate at 40 ug

Primary: Anti- LEU5 (SL6395R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 47 kD

	Observed band size: 48 kD
--	---------------------------

www.sunlongbiotech.com