



LEO1 rabbit pAb

Catalog No	YP-Ab-12323
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA; IHC
Gene Name	LEO1 RDL
Immunogen	Synthesized peptide derived from human LEO1 AA range: 159-209
Specificity	This antibody detects endogenous levels of LEO1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RDL; Replicative senescence down-regulated leo1-like protein; RNA polymerase-associated protein LEO1; LEO1; LEO1 RDL
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus .
Tissue Specificity	Highly expressed in skeletal muscle and heart. Weakly expressed in placenta and liver.
Function	function: The PAF1 complex is a multifunctional complex. The PAF1 complex interacts with POLR2A. May be involved in both initiation and elongation, histone methylation and RNA processing. Overexpression of LEO1 induces cell growth arrest and premature senescence of fibroblasts. similarity: Belongs to the LEO1 family. subunit: Component of the PAF1 complex, which consists of at least of CDC73, PAF1, LEO1 and CTR9. Interacts with CDC73. tissue specificity: Highly expressed in skeletal muscle and heart. Weakly expressed in placenta and liver.



Background

LEO1, parafibromin (CDC73; MIM 607393), CTR9 (MIM 609366), and PAF1 (MIM 610506) form the PAF protein complex that associates with the RNA polymerase II subunit POLR2A (MIM 180660) and with a histone methyltransferase complex (Rozenblatt-Rosen et al., 2005 [PubMed 15632063]) .[supplied by OMIM, Mar 2008],

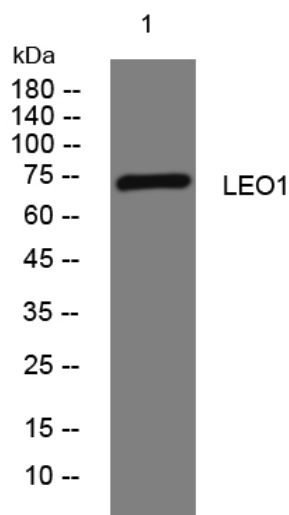
matters needing attention

Avoid repeated freezing and thawing!

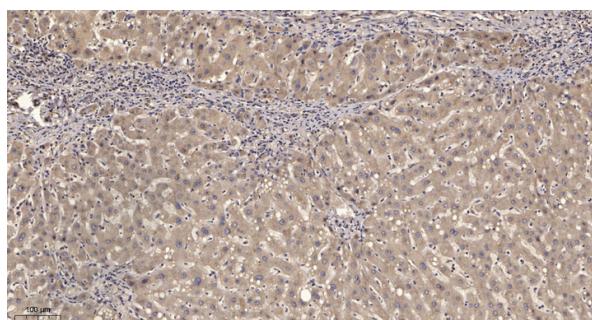
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).