

## Rabbit Anti-RLBP1L1/Biotin Conjugated antibody

SL6569R-Bio

<b>Product Name</b>	Anti-RLBP1L1/Biotin
<b>Chinese Name</b>	生物素标记的视黄醛 Binding protein1 抗体
<b>Alias</b>	Cellular retinaldehyde binding protein like; CRALBPL; FLJ37248; Retinaldehyde binding protein 1 like 1; RLBP1L1; CLVS1_HUMAN.
<b>Research Area</b>	Tumour Cell biology Binding protein TumourCell biologyMaker
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	41kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human ICRF/REG1 alpha (211-260aa)
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> RLBP1L1 is a protein of unknown function. It has 45% identity with human CRALBP (Cellular retinaldehyde-binding protein) which carries 11-cis-retinol or 11-cis-retinaldehyde as endogenous ligands and may function as a substrate carrier protein that modulates interaction of these retinoids with

visual cycle enzymes. RLBP1L1 is expressed in brain, and several human carcinoma cell lines.

**Function:**

Required for normal morphology of late endosomes and/or lysosomes in neurons (By similarity). Binds phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P<sub>2</sub>).

**Subunit:**

Forms a complex with clathrin heavy chain and gamma-adaptin.

**Subcellular Location:**

Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein. Cytoplasmic vesicle, clathrin-coated vesicle. Early endosome membrane; Peripheral membrane protein.

**Tissue Specificity:**

Expressed mainly in the brain.

**Similarity:**

Contains 1 CRAL-TRIO domain.

**Database links:**

[Entrez Gene: 157807](#) Human

[Entrez Gene: 74438](#) Mouse

[Omim: 611292](#) Human

[SwissProt: Q8IUQ0](#) Human

[SwissProt: Q9D4C9](#) Mouse

**Important Note:**

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