SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CRABP1/Retinol binding protein antibody

Catalog Number: SL6442R

FOR RESEARCH USE ONLY

[DATASHEET]

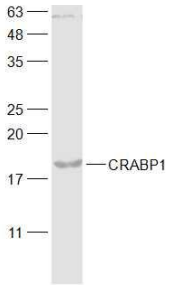
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRABP1/Retinol binding protein
Immunogen:	KLH conjugated synthetic peptide derived from human Retinol binding protein: 45-135/135
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Rabbit)
Predicted MW.:	16kDa
Subcellular Location:	cytoplasmic
Background:	RBP2 is an abundant protein present in the smallintestinal epithelium. It is thought to participate in the uptakeand/or intracellular metabolism of vitamin A. Vitamin A is afat-soluble vitamin necessary for growth, reproduction,differentiation of epithelial tissues, and vision. RBP2 may alsomodulate the supply of retinoic acid to the nuclei of endometrialcells during the menstrual cycle. **Function:** Intracellular transport of retinol. **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Detected in nearly all the tissues with higher expression in adult ovary, pancreas, pituitary gland and adrenal gland, and fetal liver. **Similarity:** Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family. **Database links:** **Entrez Gene:** 1381 Human

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

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	Entrez Gene: 12903 Mouse **Entrez Gene:** 25061 Rat Omim: 180230 Human **SwissProt:** P29762 Human **SwissProt:** P62965 Mouse **SwissProt:** P62966 Rat **Unigene:** 346950 Human **Unigene:** 34797 Mouse

[VALIDATION IMAGES]



Sample:
Eye (Mouse) Lysate at 40 ug
Primary: Anti-CRABP1 (SL6442R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 16 kD
Observed band size: 18 kD

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