SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-CRABP1 antibody

Catalog Number: SL14043R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CRABP1
Immunogen:	KLH conjugated synthetic peptide derived from human CRABP1: 65-137/137
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 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （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,Cow,Rabbit,Sheep,Monkey)
Predicted MW.:	15kDa
Subcellular Location:	cytoplasmic
Background:	This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008] **Function:** Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors. **Subcellular Location:** Cytoplasm.

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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	Similarity: Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family. **Database links:** **Entrez Gene:** 1381 Human **Entrez Gene:** 374211 Chicken **Entrez Gene:** 282201 Cow **Entrez Gene:** 12903 Mouse **Entrez Gene:** 25061 Rat Omim: 180230 Human **SwissProt:** P40220 Chicken **SwissProt:** P62964 Cow **SwissProt:** P29762 Human **SwissProt:** P62965 Mouse **SwissProt:** P62966 Rat **Unigene:** 346950 Human **Unigene:** 34797 Mouse **Unigene:** 3207 Rat

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