

RBP1 / CRBP Antibody (clone 2E1)
Mouse Monoclonal Antibody
Catalog # ALS16143**Specification**

RBP1 / CRBP Antibody (clone 2E1) - Product Information

Application	WB, IF, IHC
Primary Accession	P09455
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	16kDa KDa

RBP1 / CRBP Antibody (clone 2E1) - Additional Information**Gene ID** 5947**Other Names**

Retinol-binding protein 1, Cellular retinol-binding protein, CRBP, Cellular retinol-binding protein I, CRBP-I, RBP1, CRBP1

Target/Specificity

Human CRBP1 / CRBP

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

RBP1 / CRBP Antibody (clone 2E1) is for research use only and not for use in diagnostic or therapeutic procedures.

RBP1 / CRBP Antibody (clone 2E1) - Protein Information**Name** RBP1**Synonyms** CRBP1**Function**

Cytoplasmic retinol-binding protein (PubMed: [22665496](http://www.uniprot.org/citations/22665496), PubMed: [26900151](http://www.uniprot.org/citations/26900151), PubMed: [28057518](http://www.uniprot.org/citations/28057518)). Accepts retinol from the transport protein STRA6, and thereby contributes to retinol uptake, storage and retinoid homeostasis (PubMed: [15632377](http://www.uniprot.org/citations/15632377), PubMed: [22665496](http://www.uniprot.org/citations/22665496)).

Cellular Location

Cytoplasm. Lipid droplet

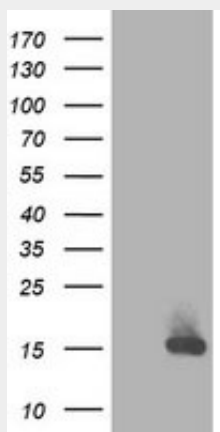
Tissue Location

Detected in nearly all the tissues with higher expression in adult ovary, pancreas, pituitary gland and adrenal gland, and fetal liver.

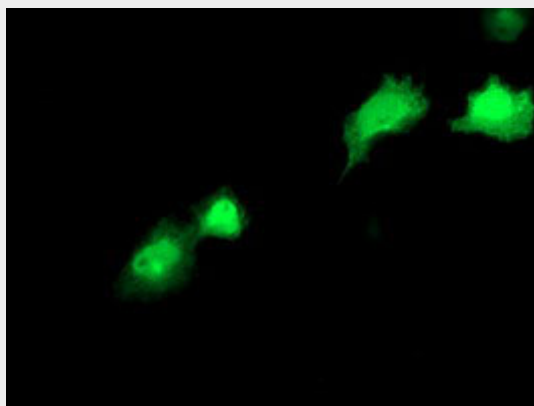
RBP1 / CRBP Antibody (clone 2E1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

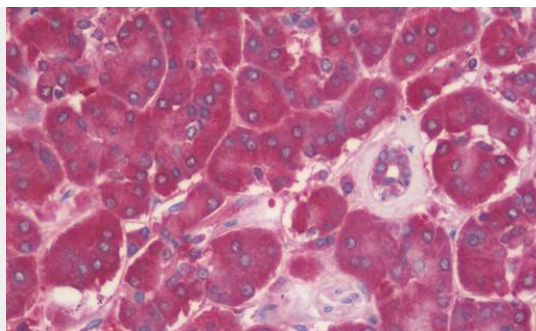
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RBP1 / CRBP Antibody (clone 2E1) - Images

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RBP1...



Anti-RBP1 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



Anti-RBP1 / CRBP antibody IHC staining of human pancreas.

RBP1 / CRBP Antibody (clone 2E1) - Background

Intracellular transport of retinol.

RBP1 / CRBP Antibody (clone 2E1) - References

Colantuoni V., et al. Biochem. Biophys. Res. Commun. 130:431-439(1985).
Nilsson M.H.L., et al. Eur. J. Biochem. 173:35-44(1988).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Muzny D.M., et al. Nature 440:1194-1198(2006).