

KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1073**Specification**

KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Product Information

Application	WB, ICC
Primary Accession	P29762
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 16 kDa, observed, 14 kDa
Gene Name	CRABP1
Aliases	CRABP1; Cellular Retinoic Acid Binding Protein 1; CRABP-I; Cellular Retinoic Acid-Binding Protein 1; CRABPI; CRABP; RBP5; Cellular Retinoic Acid-Binding Protein I
Immunogen	A synthesized peptide derived from human CRABP1

KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	1381
Other Names	
Cellular retinoic acid-binding protein 1, Cellular retinoic acid-binding protein I, CRABP-I, CRABP1, RBP5	

KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Protein Information**Name** CRABP1**Synonyms** RBP5**Function**

Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.

Cellular Location

Cytoplasm.

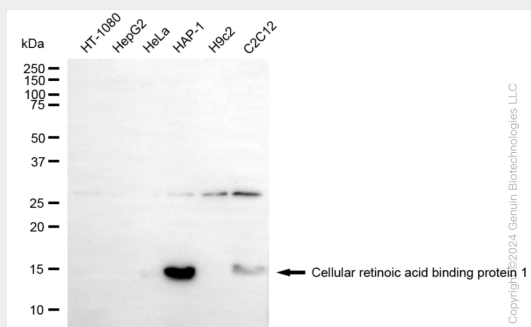
KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Protocols

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

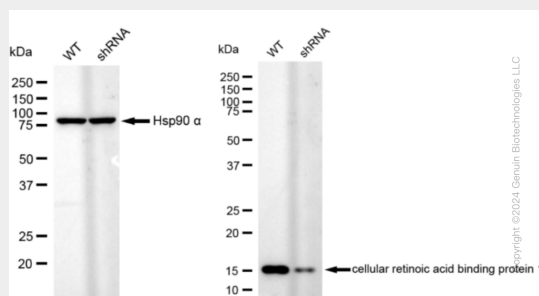
- [Western Blot](#)
- [Blocking Peptides](#)

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

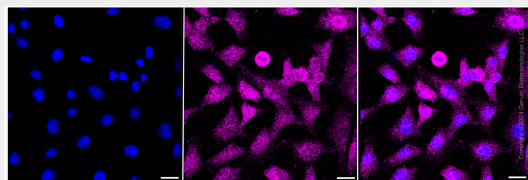
KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-cellular retinoic acid binding protein 1 antibody (Cat#61195). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cellular retinoic acid binding protein 1 antibody (Cat#61195, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-cellular retinoic acid binding protein 1 antibody (Cat#61195). Cellular retinoic acid binding protein 1 expression in wild-type (WT) and cellular retinoic acid binding protein 1 (CRABP1) shRNA knockdown (KD) C2C12 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-cellular retinoic acid binding protein 1 antibody (Cat#61195, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Immunocytochemical staining of C2C12 cells with anti-Cellular retinoic acid binding protein 1 antibody (Cat#61195, 1:1,000). Nuclei were stained blue with DAPI; Cellular retinoic acid binding protein 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.