10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 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

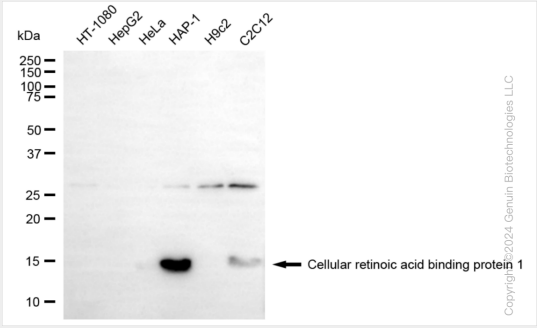
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

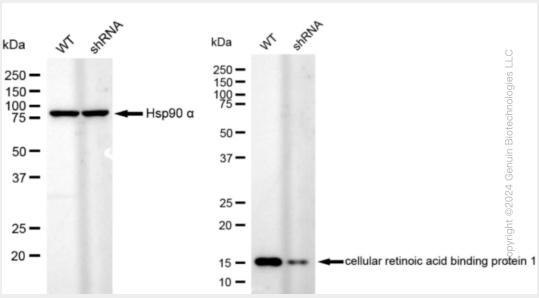
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

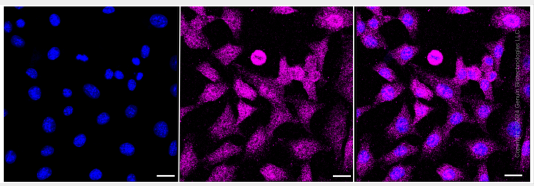
KD-Validated Anti-CRABP1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-cellular retinoic acid binding protein 1 antibody (Cat#AGI1073). 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#AGI1073, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-cellular retinoic acid binding protein 1 antibody (Cat#AGI1073). 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#AGI1073, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of C2C12 cells with anti-Cellular retinoic acid binding protein 1 antibody (Cat#AGI1073, 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.