

Datasheet for ABIN768917
anti-OCA2 antibody (AA 468-517)

2 Images

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Overview

Quantity:	50 µg
Target:	OCA2
Binding Specificity:	AA 468-517
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Bat, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa468-517 of human OCA2 (Q04671, NP_000266). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (100%), Opossum, Turkey, Zebra finch, Chicken, Lizard, Xenopus, Medaka, Zebrafish (92%), M. tuberculosis (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human OCA2 / P protein
Predicted Reactivity:	Percent identity by BLAST analysis: Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%) Chicken, Zebrafish (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: OCA2

Alternative Name: OCA2 / P protein ([OCA2 Products](#))

Target Type: Viral Protein

Background: Name/Gene ID: OCA2
Subfamily: Arsenite resistance efflux pump
Family: Transporter

Synonyms: OCA2, BOCA, BEY1, BEY2, Brown Oculocutaneous Albinism, D15S12, Eye color 2 (central brown), EYCL2, Hair color 3 (brown), HCL3, Eye color 3 (brown), Total brown iris pigmentation, Oculocutaneous albinism II, Pink-eye dilution, SHEP1, BEY, EYCL, EYCL3, P protein, PED

Gene ID: 4948

NCBI Accession: [NP_000266](#)

UniProt: [Q04671](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

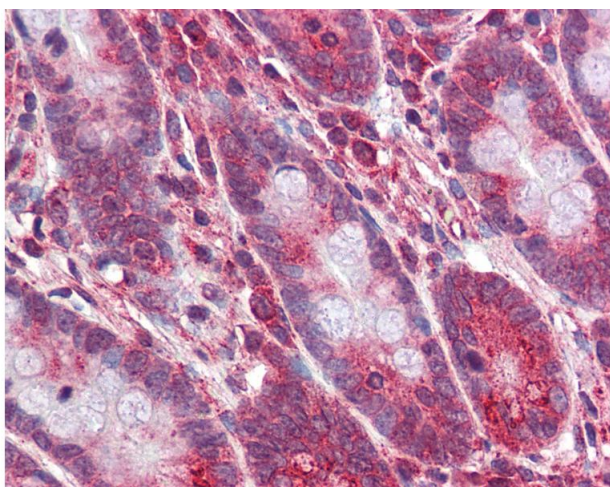
Reconstitution: Distilled water

Concentration: Lot specific

Handling

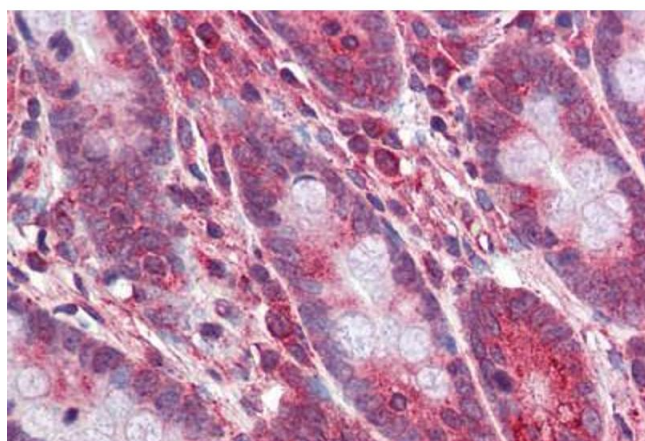
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-OCA2 / P Protein antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of thi ...



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)