Datasheet for ABIN2781783

anti-OCA2 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	OCA2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OCA2
Sequence:	CLIAAVLSAF LDNVTTMLLF TPVTIRLCEV LNLDPRQVLI AEVIFTNIGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against OCA2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OCA2
Alternative Name:	OCA2 (OCA2 Products)

Target Details

Target Type:	Viral Protein
Background:	OCA2 is believed to be an integral membrane protein involved in small molecule transport, specifically tyrosine - a precursor of melanin. Mutations in the gene encoding OCA2 result in type 2 oculocutaneous albinism. Alias Symbols: BEY, BEY1, BEY2, BOCA, D15S12, EYCL, EYCL2, EYCL3, HCL3, P, PED, SHEP1 Protein Interaction Partner: ATP13A2, Protein Size: 668
Molecular Weight:	73 kDa
Gene ID:	4948
NCBI Accession:	NM_000275, NP_000266

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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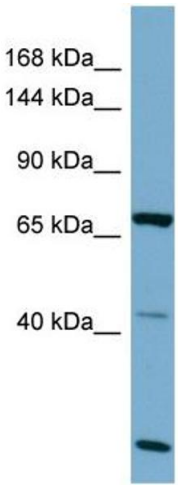

Western Blotting

Image 1. Host: Rabbit Target Name: OCA2 Sample Type: OVCAR-3 Whole cell lysates Antibody Dilution: 1.0ug/ml