

Datasheet for ABIN6144989
anti-OCA2 antibody (AA 1-180)



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1 Image

Overview

Quantity:	100 µL
Target:	OCA2
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human OCA2 (NP_000266.2).
Sequence:	MHLEGRDGRR YPGAPAVELL QTSVPSGLAE LVAGKRRLPR GAGGADPSHS CPRGAAGQSS WAPAGQEFAS FLTKGRSHSS LPQMSSSRSK DSCFTENTPL LRNSLQEKGS RCIPVYHPEF ITAEESWEDS SADWERRYLL SREVSGLSAS ASSEKGDLLD SPHIRLRLSK LRRCVQWLKV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	OCA2
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Target Details

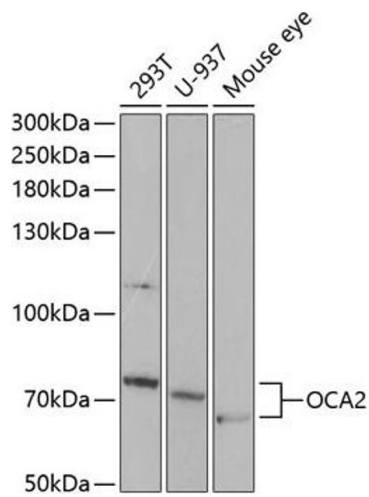
Alternative Name:	OCA2 (OCA2 Products)
Target Type:	Viral Protein
Background:	<p>This gene encodes the human homolog of the mouse p (pink-eyed dilution) gene. The encoded protein is believed to be an integral membrane protein involved in small molecule transport, specifically tyrosine, which is a precursor to melanin synthesis. It is involved in mammalian pigmentation, where it may control skin color variation and act as a determinant of brown or blue eye color. Mutations in this gene result in type 2 oculocutaneous albinism. Alternative splicing results in multiple transcript variants.,OCA2,BEY,BEY1,BEY2,BOCA,D15S12,EYCL,EYCL2,EYCL3,HCL3,P,PED,SHEP1,P protein,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,OCA2</p>
Molecular Weight:	74 kDa/90 kDa/92 kDa
Gene ID:	4948
UniProt:	Q04671

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using OC antibody (ABIN6132880, ABIN6144989, ABIN6144990 and ABIN6221296) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.