

Datasheet for ABIN635550
anti-OCA2 antibody (Middle Region)



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1 Publication

Overview

Quantity:	100 µL
Target:	OCA2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	OCA2 antibody was raised using the middle region of OCA2 corresponding to a region with amino acids LIAEVIFTNIGGAATAIGDPPNVIIVSNQELRKMGLDFAGFTAHMFIGIC
Specificity:	OCA2 antibody was raised against the middle region of OCA2
Purification:	Affinity purified

Target Details

Target:	OCA2
Alternative Name:	OCA2 (OCA2 Products)
Target Type:	Viral Protein
Background:	This gene encodes the human homologue of the mouse p (pink-eyed dilution) gene. The

Target Details

encoded protein is believed to be an integral membrane protein involved in small molecule transport, specifically tyrosine - a precursor of melanin. Mutations in this gene result in type 2 oculocutaneous albinism.

Molecular Weight: 93 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: OCA2 Blocking Peptide, catalog no. 33R-5036, is also available for use as a blocking control in assays to test for specificity of this OCA2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of OCA2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Publications

Product cited in: Jeffery: "Distal Regeneration Involves the Age Dependent Activity of Branchial Sac Stem Cells in the Ascidian *Ciona intestinalis*." in: **Regeneration (Oxford, England)**, Vol. 2, Issue 1, pp. 1-18, (2015) ([PubMed](#)).