

Datasheet for ABIN7156316
anti-OCRL antibody (AA 121-271)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	OCRL
Binding Specificity:	AA 121-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OCRL antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Inositol polyphosphate 5-phosphatase OCRL-1 protein (121-271AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OCRL
Alternative Name:	OCRL (OCRL Products)
Background:	Background: Converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate. Also converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate and inositol

Target Details

1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate (PubMed:25869668, PubMed:7761412, PubMed:9430698). May function in lysosomal membrane trafficking by regulating the specific pool of phosphatidylinositol 4,5-bisphosphate that is associated with lysosomes. Involved in primary cilia assembly (PubMed:22228094, PubMed:22543976).

Aliases: EC 3.1.3.36 antibody, Inositol polyphosphate 5 phosphatase OCRL 1 antibody, Inositol polyphosphate 5 phosphatase OCRL1 antibody, Inositol polyphosphate 5-phosphatase OCRL-1 antibody, INPP5F antibody, LOCR antibody, Lowe oculocerebrorenal syndrome protein antibody, NPHL2 antibody, OCRL 1 antibody, OCRL antibody, OCRL_HUMAN antibody, OCRL1 antibody, Oculocerebrorenal syndrome of Lowe antibody, Phosphatidylinositol polyphosphate 5 phosphatase antibody

UniProt: [Q01968](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

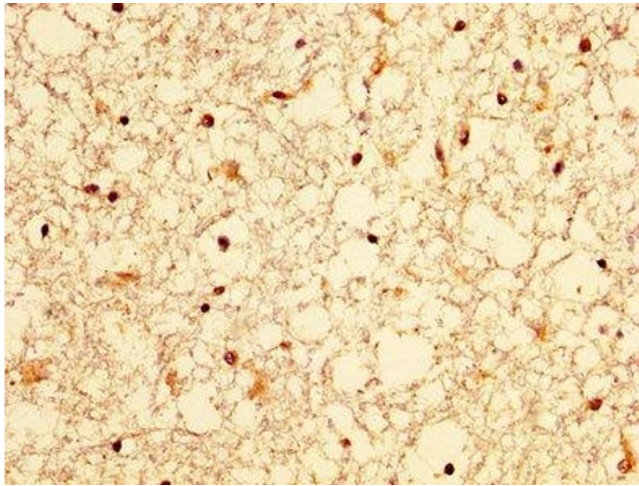
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

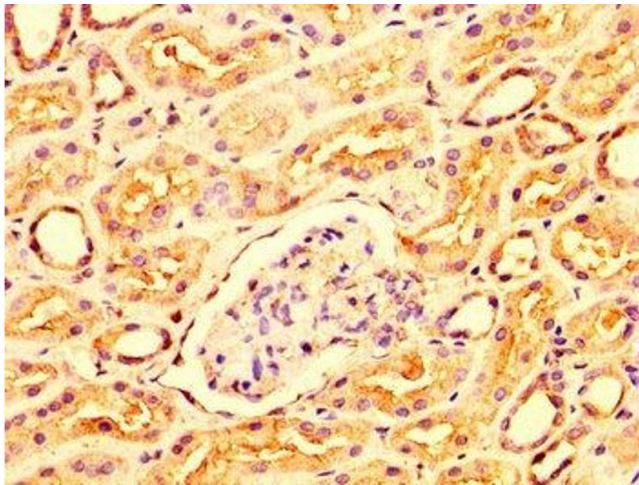
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7156316 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7156316 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.