
OCRL1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 200177

Unit: 0.1 mg

Description:

Inositol polyphosphate 5-phosphatase (OCRL1) converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate. The enzyme also converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate. The enzyme is involved in lysosomal membrane trafficking by regulating the specific pool of phosphatidylinositol 4,5-bisphosphate that is associated with lysosomes. Defects in OCRL1 are the cause of Lowe syndrome, a multisystem disorder affecting eyes, nervous system and kidney, and Dent disease type 2, a renal disease.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Inositol polyphosphate 5-phosphatase OCRL-1; Lowe oculocerebrorenal syndrome protein; OCRL; INPP5F

Accession No.: Q01968

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human OCRL1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.