OCRL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OCRL, Polyclonal Antibody
Full Product Name	OCRL (Inositol Polyphosphate 5-phosphatase OCRL-1, Lowe Oculocerebrorenal Syndrome Protein, INPP5F, OCRL1) (MaxLight 650)
Product Gene Name	anti-OCRL antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human OCRL.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human OCRL, aa1-893 (AAH94726.1).
Immunogen Sequence	MEPPLPVGAQPLATVEGMEMKGPLREPCALTLAQRNGQYELIIQLHEKEQHVQDIIPINSHFRCVQEAEETLLIDIASNSGCKIRVQGDWIRERRFEIPDEEH
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-OCRL antibody	Antibodies; Enzymes; Phosphatase
Applications Tested/Suitable for anti-OCRL antibody	Western Blot (WB)
Application Notes for anti-OCRL antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-OCRL antibody	This gene encodes a phosphatase enzyme that is involved in actin polymerization and is found in the trans-Golgi network. Mutations in this gene cause
Other Notes	Small volumes of anti-OCRL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for OCRL purchase	MBS6387928 is an antibody targeting OCRL. Also known as OCRL (Inositol Polyphosphate 5-phosphatase OCRL-1, Lowe Oculocerebrorenal Syndrom

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OCRL. It may not necessarily be applicable to this product.

NCBI GI #	63100297
NCBI GeneID	4952
NCBI Accession #	BC094726.1
NCBI Related Accession #	AAH94726.1
UniProt Related Accession #	Q01968
NCBI Official Full Name	Homo sapiens oculocerebrorenal syndrome of Lowe, mRNA
NCBI Official Synonym Full Names	OCRL inositol polyphosphate-5-phosphatase
NCBI Official Symbol	OCRL
NCBI Official Synonym Symbols	LOCR; NPHL2; OCRL1; Dent-2; INPP5F; OCRL-1
Protein Family	Inositol polyphosphate 5-phosphatase
NCBI Protein Information	inositol polyphosphate 5-phosphatase OCRL
NCBI Summary for OCRL	This gene encodes an inositol polyphosphate 5-phosphatase. This protein is involved in regulating membrane trafficking and is located in numerous subcellular locations including the trans-Golgi network, clathrin-coated vesicles and, endosomes and the plasma membrane. This protein may also play a role in primary cilium formation. Mutations in this gene cause oculocerebrorenal syndrome of Lowe and also Dent disease. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Research Articles on OCRL	**1.** The duplication variant of the OCRL gene probably underlies the oculo-cerebro-renal syndrome in the infant
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