LRRC38 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRRC38, Polyclonal Antibody
Full Product Name	LRRC38, CT (LRRC38, Leucine-rich repeat-containing protein 38, BK channel auxilliary gamma subunit LRRC38) (MaxLight 490)
Product Gene Name	anti-LRRC38 antibody
Product Synonym Names	LRRC38; Leucine-rich repeat-containing protein 38; BK channel auxilliary gamma subunit LRRC38
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 MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human LRRC38.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	32,082 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (13801445..13840242, complement). Location: 1p36.21
OMIM	615212
3D Structure	ModBase 3D Structure for Q5VT99
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 188-216 in the C-terminal region of human LRRC38, UniProt Accession #Q5VT99. Cellular Localization: Cell membrane, Single-pass 1 membrane protein
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-LRRC38 antibody	Antibodies; Leucine-rich Proteins
Applications Tested/Suitable for anti-LRRC38 antibody	FLISA, Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-LRRC38 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LRRC38 antibody	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium
Product References and Citations for anti-LRRC38 antibody	Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002).

Other Notes	Small volumes of anti-LRRC38 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LRRC38 purchase	MBS6317104 is an antibody targeting LRRC38. Also known as LRRC38, CT (LRRC38, Leucine-rich repeat-containing protein 38, BK channel auxilliary gamma subunit LRRC38) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRC38. It may not necessarily be applicable to this product.

NCBI GI #	299782601
NCBI GeneID	126755
NCBI Accession #	NP_001010847.1
UniProt Primary Accession #	Q5VT99
UniProt Secondary Accession #	Q96B32
UniProt Related Accession #	Q5VT99
GenBank Nucleotide #	NM_001010847.1
NCBI Official Full Name	leucine-rich repeat-containing protein 38
NCBI Official Synonym Full Names	leucine rich repeat containing 38
NCBI Official Symbol	LRRC38
NCBI Official Synonym Symbols	RP4-597A16.1
UniProt Protein Name	Leucine-rich repeat-containing protein 38
UniProt Synonym Protein Names	BK channel auxiliary gamma subunit LRRC38
Protein Family	Leucine-rich repeat-containing protein
UniProt Gene Name	LRRC38
UniProt Entry Name	LRC38_HUMAN
NCBI Protein Information	leucine-rich repeat-containing protein 38; BK channel auxiliary gamma subunit LRRC38; BK channel auxilliary gamma subunit LRRC38
UniProt Comments for LRRC38	LRRC38: Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 1p36.21 Cellular Component: integral to membrane; plasma membrane Biological Process: ion transport
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