

For Research Use Only

LRRC38 Polyclonal antibody

Catalog Number: 55479-1-AP



Basic Information

Catalog Number: 55479-1-AP	GenBank Accession Number: XM_001713942	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 126755	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: leucine rich repeat containing 38	
Isotype: IgG	Calculated MW: 32 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : RAW 264.7 cells,
Species Specificity: human, mouse	

Background Information

The large-conductance, calcium- and voltage-activated potassium (BK) channels are characterized by their large conductance of potassium ions (K⁺) through cell membranes. BK channels are widely expressed with diverse functions in different tissues or cell types, consisting of the pore-forming, voltage- and, calcium-sensing alpha subunits, either alone or in association with regulatory subunits (PMID: 25360119; 22547800). LRRC38 belongs to the gamma family of BK channel accessory subunits that regulate channel gating properties.

Storage

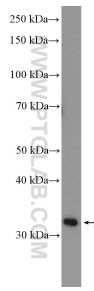
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 55479-1-AP (LRRC38 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.