

For Research Use Only

LRRC52 Polyclonal antibody

Catalog Number: 25584-1-AP



Basic Information

Catalog Number: 25584-1-AP	GenBank Accession Number: BC132981	Purification Method: Antigen affinity purification
Size: 730 µg/ml	GeneID (NCBI): 440699	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8N7C0	
Isotype: IgG	Full Name: leucine rich repeat containing 52	
Immunogen Catalog Number: AG22354	Calculated MW: 313 aa, 35 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, rat skeletal muscle tissue
Species Specificity: human, mouse, rat	

Background Information

LRRC52 (leucine-rich repeat-containing protein 52) belongs to the gamma family of the BK channel accessory subunits, which potentially regulate the channel's gating properties (PMID: 22547800). It is dominantly expressed in testis and skeletal muscle, with much lower expression in several other tissues including placenta, kidney, lung, and some glands. LRRC52 has been reported as a Slo3 auxiliary subunit that helps define the specific alkalization dependence of K_{Sper} activation. LRRC52 has a calcular molecular weight of 35 kDa. This polyclonal antibody raised against 24-244aa of human LRRC52 reveals a band of 45 kDa, which is consistent with the molecular weight of glycosylated form of LRRC52 (PMID: 22084117).

Storage

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

For technical support and original validation data for this product please contact:

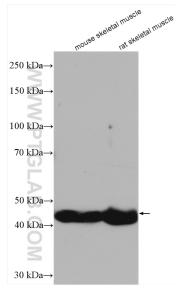
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25584-1-AP (LRRC52 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.