For Research Use Only

LRRC52 Polyclonal antibody

Catalog Number:25584-1-AP



Basic Information	Catalog Number: 25584-1-AP Size: 150ul , Concentration: 730 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG22354	GenBank Accession Number: BC 132981 GeneID (NCBI): 440699 UNIPROT ID: Q8N7C0 Full Name: leucine rich repeat containing 52 Calculated MW: 313 aa, 35 kDa Observed MW: 45 kDa	Purification Method: Antigen affinity purification Recommended Dilutions: WB 1:500-1:1000	
Applications	Tested Applications: WB, ELISA Species Specificity: human, mouse, rat	Positive Con WB : mouse s tissue	Positive Controls: WB : mouse skeletal muscle tissue, rat skeletal muscle tissue	
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 KSper 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 *** 20ul sizes contain 0.1% BSA	Storage: Store at -20°C. Stable for one year aft Storage Buffer: PBS with 0.02% sodium azide and 50 Aliquoting is unnecessary for -20°C s	er shipment. % glycerol pH 7.3. torage		

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.comW: ptglab.comW: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.