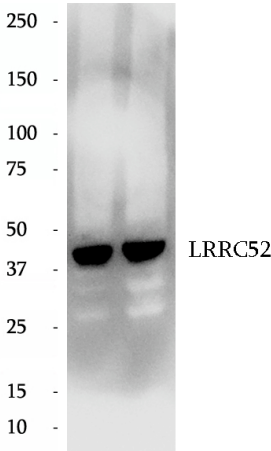


Certificate of Analysis

Catalog Number	BP62664
Product Name	Anti-LRRC52 antibody

Physical and Chemical Properties

Molecular Weight	45 kDa
GenBank	BC132981
Uniprot	Q8N7C0
Concentration	580 µg/ml
Form	Liquid Anti-LRRC52 antibody.gif, Anti-LRRC52 antibody1.gif, Anti-LRRC52 antibody2.gif
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	

Product Information

Description	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. 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.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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