

For Research Use Only

LRRC45 Polyclonal antibody

Catalog Number: 32111-1-AP



Basic Information

Catalog Number:

32111-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36776

GenBank Accession Number:

BC014109

GeneID (NCBI):

201255

UNIPROT ID:

Q96CN5

Full Name:

leucine rich repeat containing 45

Calculated MW:

76 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, HeLa cells, HEK-293 cells, U2OS cells

IF/ICC : A431 cells, U-251 cells

Background Information

The Leucine-Rich Repeat-Containing 45 (LRRC45) gene, a relatively unexplored entity in the realm of genomic studies, has recently garnered attention for its potential role in cellular processes and disease pathogenesis. Characterized by its leucine-rich repeats, a motif known for facilitating protein-protein interactions, LRRC45 is implicated in various cellular functions, including signal transduction and intracellular trafficking. LRRC45 promotes lung cancer proliferation and progression by enhancing c-MYC, Slug, MMP2, and MMP9 expression (PMID: 39326735).

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:

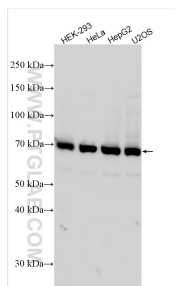
T: 4006900926

E: Proteintech-CN@ptglab.com

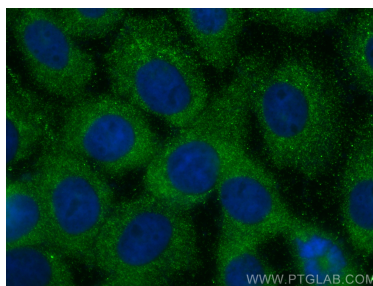
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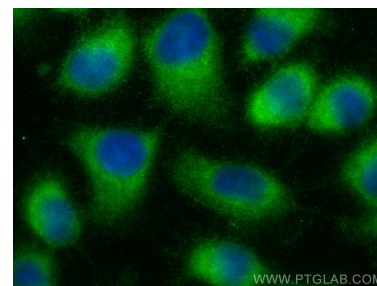
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32111-1-AP (LRRC45 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using LRRC45 antibody (32111-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using LRRC45 antibody (32111-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).