

For Research Use Only

# LRRC45 Polyclonal antibody

Catalog Number:**32111-1-AP**



## Basic Information

Catalog Number:	32111-1-AP	GenBank Accession Number:	BC014109	Purification Method:	Antigen affinity Purification
Size:	400 ug/ml	GenID (NCBI):	201255	Recommended Dilutions:	WB 1:1000-1:4000 IF/ICC 1:200-1:800
Source:	Rabbit	UNIPROT ID:	Q96CN5		
Isotype:	IgG	Full Name:	leucine rich repeat containing 45		
Immunogen Catalog Number:	AG36776	Calculated MW:	76 kDa		
		Observed MW:	70 kDa		

## Applications

Tested Applications:	WB, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	human	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:

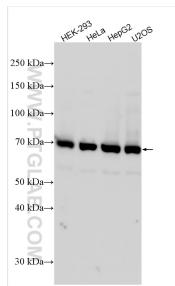
T: 4006900926

E: Proteintech-CN@ptglab.com

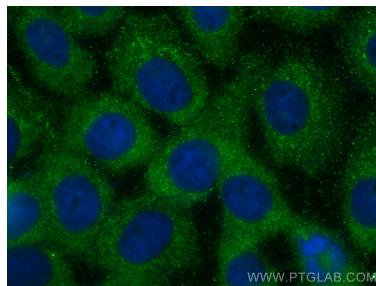
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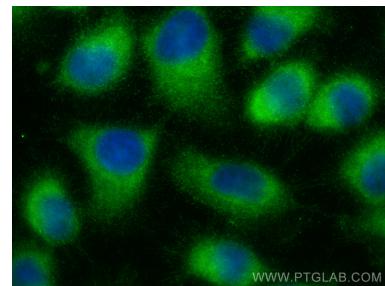
## Selected Validation Data



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-Ab 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-Ab Coralite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).