

For Research Use Only

LENG9 Polyclonal antibody

Catalog Number: 16295-1-AP

1 Publications



Basic Information

Catalog Number: 16295-1-AP	GenBank Accession Number: BC015921	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 94059	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q96B70	
Isotype: IgG	Full Name: leukocyte receptor cluster (LRC) member 9	
Immunogen Catalog Number: AG9481	Calculated MW: 501 aa, 53 kDa	
	Observed MW: 54-60 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, Y79 cells
Cited Applications: WB	IHC : human kidney tissue, human brain tissue, human heart tissue, human liver tissue, human lung tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue
Species Specificity: human	IF/ICC : HeLa cells, MCF-7 cells
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

LENG9 is rarely reported in the literature. GO function analysis revealed that the molecular function of LENG9 is metal ion binding (GO:0046872), and the BioGRID database showed that LENG9 has 6 interactors, including C9ORF41, B4GALT2, CDC5L, D2HGDH, FOXS1 and OGT. Studies have shown that LENG9 may play an oncogenic role in tumor pathogenesis by promoting tumor cell proliferation, migration, and invasion. (PMID: 35538075)

Notable Publications

Author	Pubmed ID	Journal	Application
Liyuan Zhou	35538075	Nat Commun	WB

Storage

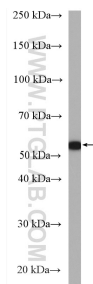
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

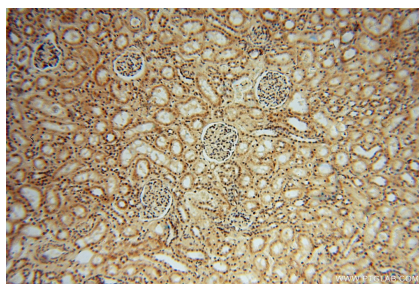
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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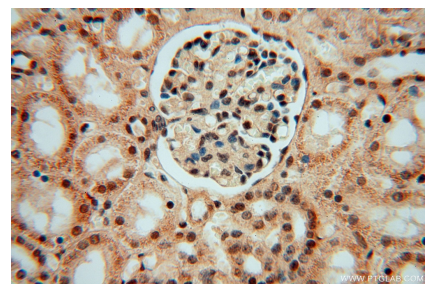
Selected Validation Data



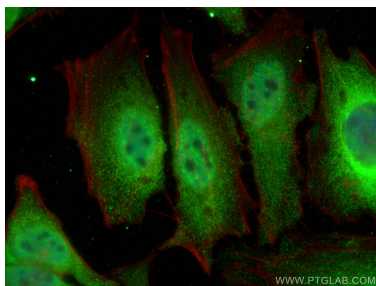
HeLa cells were subjected to SDS PAGE followed by western blot with 16295-1-AP (LENG9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 16295-1-AP (LENG9 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 16295-1-AP (LENG9 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using LENG9 antibody (16295-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).