

LENG9 Polyclonal antibody

Catalog Number: 16295-1-AP

1 Publications

Basic Information

Catalog Number:

16295-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9481

GenBank Accession Number:

BC015921

GeneID (NCBI):

94059

UNIPROT ID:

Q96B70

Full Name:

leukocyte receptor cluster (LRC)
member 9

Calculated MW:

501 aa, 53 kDa

Observed MW:

54-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

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

Positive Controls:

WB : HeLa cells, Y79 cells

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

IF/ICC : HeLa cells, MCF-7 cells

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

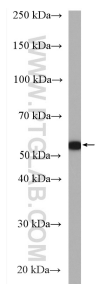
For technical support and original validation data for this product please contact:

T: 4006900926

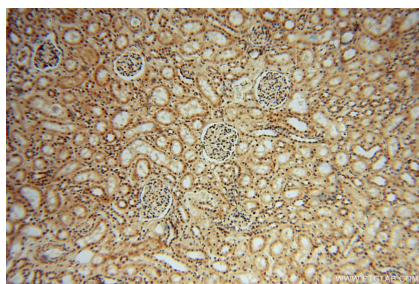
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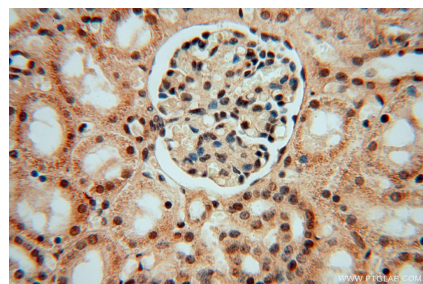
Selected Validation Data



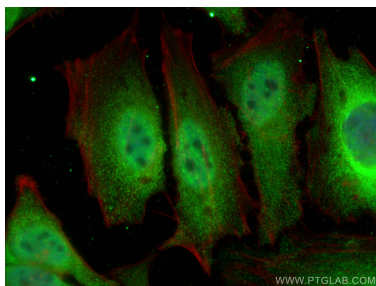
HeLa cells were subjected to SDS PAGE followed by western blot with 16295-1-AP (LENG9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).