

For Research Use Only

DLL4 Polyclonal antibody, PBS Only

Catalog Number: 21584-1-PBS

Featured Product

1 Publications



Basic Information

Catalog Number:

21584-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16140

GenBank Accession Number:

BC106950

GeneID (NCBI):

54567

UNIPROT ID:

Q9NR61

Full Name:

delta-like 4 (Drosophila)

Calculated MW:

685 aa, 75 kDa

Observed MW:

70-100 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, IP, Indirect ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse

Background Information

DLL4, also named as Delta4, plays a role in the Notch signaling pathway. It activates Notch-1 and Notch-4. Notch signaling is activated upon engagement of the Notch receptor with its ligands, the DSL (Delta, Serrate, Lag2) proteins of single-pass type I membrane proteins. DLL4 is highly expressed in the vascular endothelium and is involved in angiogenesis.

Notable Publications

Author	Pubmed ID	Journal	Application
Wen Zhang	41097253	Nutrients	WB

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

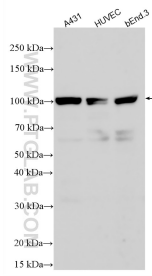
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

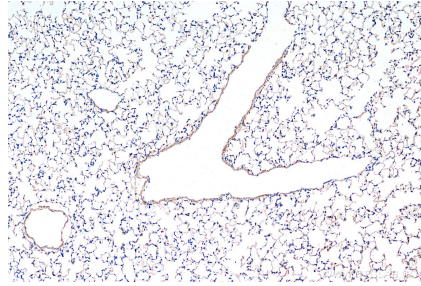
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

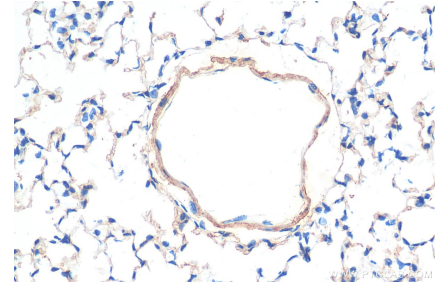
Selected Validation Data



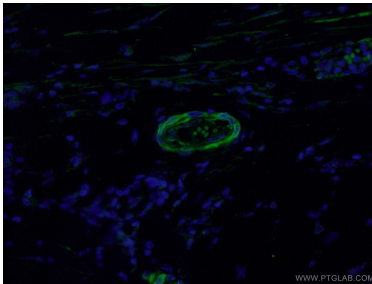
Various lysates were subjected to SDS PAGE followed by western blot with 21584-1-AP (DLL4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21584-1-PBS in a different storage buffer formulation.



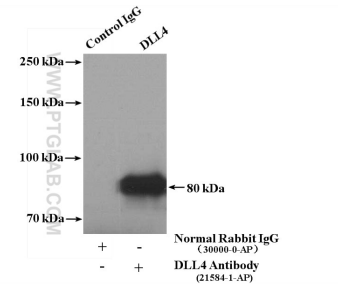
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 21584-1-AP (DLL4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21584-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 21584-1-AP (DLL4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21584-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human stomach cancer tissue using 21584-1-AP (DLL4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 21584-1-PBS in a different storage buffer formulation.



IP result of anti-DLL4 (IP:21584-1-AP, 4ug; Detection:21584-1-AP 1:300) with mouse lung tissue lysate 4000 ug. This data was developed using the same antibody clone with 21584-1-PBS in a different storage buffer formulation.