

For Research Use Only

KIAA0319L Polyclonal antibody, PBS Only

Catalog Number: 21016-1-PBS

Featured Product



Basic Information

Catalog Number:

21016-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15263

GenBank Accession Number:

BC031672

GeneID (NCBI):

79932

UNIPROT ID:

Q8I2AO

Full Name:

KIAA0319-like

Calculated MW:

1049 aa, 116 kDa

Observed MW:

~150 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

KIAA0319L (also known as AAVR) is a type-I transmembrane protein that acts as a receptor for adeno-associated virus (AAV) and is involved in adeno-associated virus infection through endocytosis system (PMID: 26814968). It has been shown that KIAA0319L is highly-glycosylated and can localise to the plasma membrane, endosomes, Golgi and trans-Golgi network (TGN) (PMID: 29991750). KIAA0319L gene has been associated with susceptibility to developmental dyslexia or reading disabilities (PMID: 19085271). The predicted molecular mass of KIAA0319L is 116 kDa, but western blot detected protein at 150 kDa in lysate from HeLa cells, likely due to glycosidic linkages (PMID: 28679762; 30962536).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

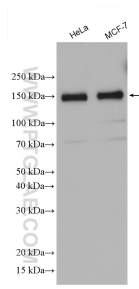
For technical support and original validation data for this product please contact:

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

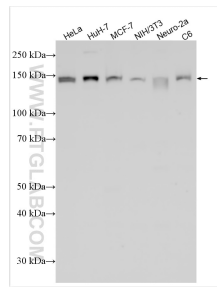
E: proteintech@ptglab.com
W: ptglab.com

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

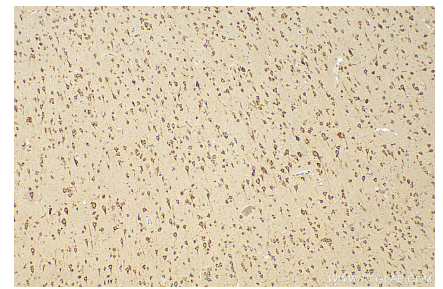
Selected Validation Data



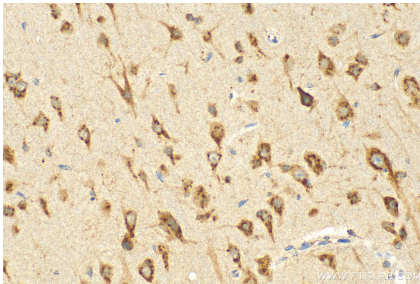
Various lysates were subjected to SDS PAGE followed by western blot with 21016-1-AP (KIAA0319L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.



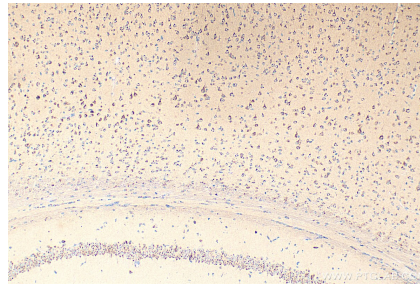
Various lysates were subjected to SDS PAGE followed by western blot with 21016-1-AP (KIAA0319L antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.



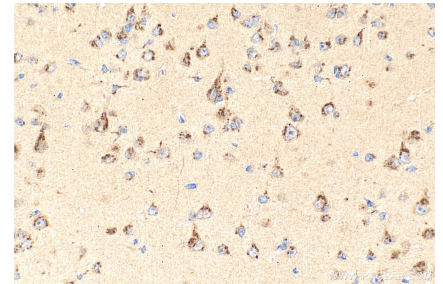
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 21016-1-AP (KIAA0319L antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 21016-1-AP (KIAA0319L antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21016-1-AP (KIAA0319L antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21016-1-AP (KIAA0319L antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21016-1-PBS in a different storage buffer formulation.