

For Research Use Only

OXA1L Monoclonal antibody, PBS Only



Catalog Number: 66128-1-PBS

Featured Product

Basic Information

Catalog Number:

66128-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13819

GenBank Accession Number:

BC001669

GeneID (NCBI):

5018

UNIPROT ID:

Q15070

Full Name:

oxidase (cytochrome c) assembly 1-like

Calculated MW:

437 aa, 49 kDa

Observed MW:

42 kDa

Purification Method:

Protein G purification

CloneNo.:

4A2D9

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

OXA1L/Oxa1 is a member of the conserved Oxa1/YidC/Alb3 protein family and is required for cytochrome c oxidase assembly. The OXA1L protein was initially identified in yeast proteins involved in the biogenesis of the mitochondrial respiratory chain complexes. It locates in the inner membrane of mitochondria and may be involved in mediating the insertion of proteins from the matrix into the inner membrane.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

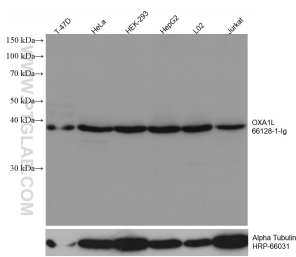
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

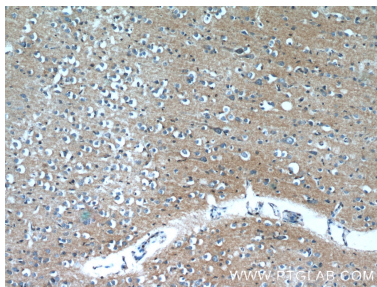
W: ptglab.com

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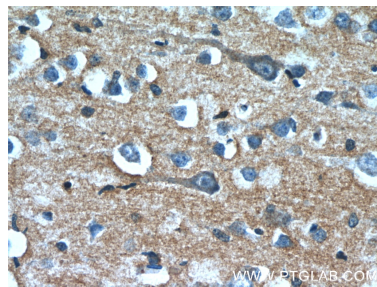
Selected Validation Data



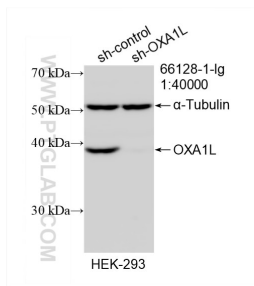
Various lysates were subjected to SDS PAGE followed by western blot with 66128-1-Ig (OXA1L antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66128-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain slide using 66128-1-Ig (OXA1L Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 66128-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain slide using 66128-1-Ig (OXA1L Antibody) at dilution of 1:50. This data was developed using the same antibody clone with 66128-1-PBS in a different storage buffer formulation.



WB result of OXA1L antibody (66128-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OXA1L transfected HEK-293 cells. This data was developed using the same antibody clone with 66128-1-PBS in a different storage buffer formulation.