

For Research Use Only

UNC5D-Specific Polyclonal antibody



Catalog Number: 20241-1-AP

1 Publications

Basic Information

Catalog Number:

20241-1-AP

Size:

150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_080872

GeneID (NCBI):

137970

UNIPROT ID:

Q6UXZ4

Full Name:

unc-5 homolog D (C. elegans)

Calculated MW:

106 kDa

Observed MW:

59-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse kidney tissue,

Background Information

UNC5D, also named as KIAA1777 and UNC5H4, belongs to the unc-5 family. It is a receptor for netrin. It may be involved in axon guidance by mediating axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. The antibody is specific to UNC5D.

Notable Publications

Author	Pubmed ID	Journal	Application
Kushal Prajapati	38427724	Sci Adv	

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

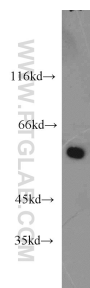
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 20241-1-AP (UNC5D-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.