

UNC5D-Specific Polyclonal antibody

Catalog Number: 20241-1-AP

1 Publications

Basic Information

Catalog Number: 20241-1-AP	GenBank Accession Number: NM_080872	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 137970	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q6UXZ4	
Isotype: IgG	Full Name: unc-5 homolog D (C. elegans)	
	Calculated MW: 106 kDa	
	Observed MW: 59-65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue,
Species Specificity: human, mouse	
Cited Species: human	

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.

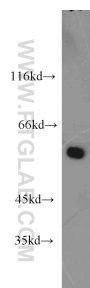
Notable Publications

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

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.