

For Research Use Only

Teneurin-3 Polyclonal antibody, PBS Only

Catalog Number: 31971-1-PBS



Basic Information

Catalog Number: 31971-1-PBS	GenBank Accession Number: NM_001080477	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55714	
Source: Rabbit	UNIPROT ID: Q9P273	
Isotype: IgG	Full Name: odz, odd Oz/ten-m homolog 3 (Drosophila)	
Immunogen Catalog Number: AG36331	Calculated MW: 300kDa	
	Observed MW: 250 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Teneurin-3, also known as Ten-m3, Odz3, Ten-m/Odz3, is a ~300 kDa type II transmembrane glycoprotein that is a member of the teneurin/Ten-m/Odz family. Ten-m3 plays a critical role in regulating connectivity of the nervous system, particularly in axon pathfinding and synaptic organisation in the motor and visual system. Mutation in the TENM3/ODZ3 gene in humans has been associated with the eye condition, microphthalmia (PMID 22766609). TENM3 is expressed in adult and fetal brain, slightly lower levels in testis and ovary, and intermediate levels in all other peripheral tissues examined.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

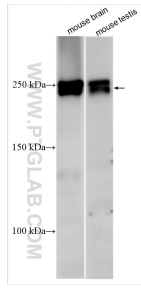
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31971-1-AP (ODZ3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31971-1-PBS in a different storage buffer formulation.