

For Research Use Only

TTYH3 Polyclonal antibody

Catalog Number: 24707-1-AP



Basic Information

Catalog Number: 24707-1-AP	GenBank Accession Number: BC131824	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 80727	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	UNIPROT ID: Q9C0H2	
Isotype: IgG	Full Name: tweety homolog 3 (Drosophila)	
Immunogen Catalog Number: AG18804	Calculated MW: 523 aa, 58 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, U2OS cells
Species Specificity: human	

Background Information

Tweety homologs (TTYHs) are conserved transmembrane proteins present in all eukaryotes including three members (TTYH1, TTYH2, and TTYH3) in humans. They are widely expressed in mammals including at high levels in the nervous system and have been implicated in cancers and other diseases including epilepsy, chronic pain, and viral infections. Physiologically, TTYH2 and TTYH3 are broadly expressed, while expression of TTYH1 is primarily limited to the nervous system, testes, and stem cells. TTYH3 is upregulated in gastric cancer with higher expression correlated with poor clinical outcomes. (PMID: 34824283)

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

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

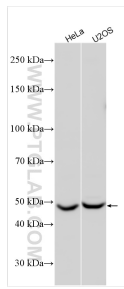
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 24707-1-AP (TTYH3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.