

TTYH1 Polyclonal antibody

Catalog Number: 26973-1-AP

1 Publications

Basic Information

Catalog Number: 26973-1-AP	GenBank Accession Number: BC011347	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57348	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: tweety homolog 1 (Drosophila)	
Isotype: IgG	Calculated MW: 49-50 kDa	
Immunogen Catalog Number: AG25290	Observed MW: 50 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IHC : human gliomas,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

TTYH1, protein tweety homolog 1, is a glycosylated protein composed of five predicted transmembrane segments, which belongs to the tweety family. The expression of TTYH1 is restricted mainly to neural tissue and is up-regulated in astrocytoma, glioma and several other cancers. TTYH1 has some isoforms with MW of 49-50 kDa, 35 kDa and 26 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Junhan Zhou	34729116	J Cancer	WB, IHC

Storage

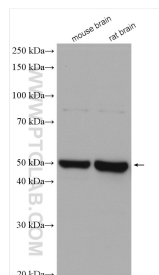
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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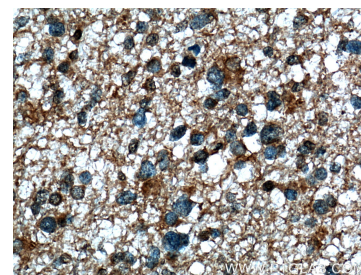
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26973-1-AP (TTYH1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 26973-1-AP (TTYH1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 26973-1-AP (TTYH1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).