

# TTYH1 Polyclonal antibody

 Catalog Number: 26973-1-AP 1 Publications

## Basic Information

<b>Catalog Number:</b> 26973-1-AP	<b>GenBank Accession Number:</b> BC011347	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 57348	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H313	
<b>Isotype:</b> IgG	<b>Full Name:</b> tweety homolog 1 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG25290	<b>Calculated MW:</b> 49-50 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue IHC : human gliomas,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

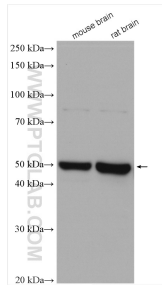
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

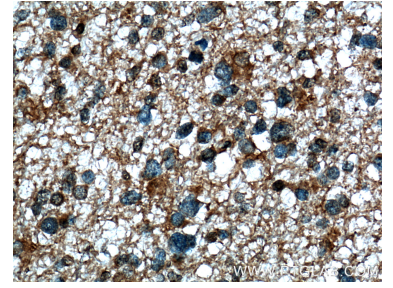
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).