

For Research Use Only

# TTYH1 Polyclonal antibody

Catalog Number: 26973-1-AP

1 Publications



## Basic Information

Catalog Number:

26973-1-AP

Size:

150ul, Concentration: 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25290

GenBank Accession Number:

BC011347

GeneID (NCBI):

57348

UNIPROT ID:

Q9H313

Full Name:

tweety homolog 1 (Drosophila)

Calculated MW:

49-50 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

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**

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IHC : human gliomas,

## 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

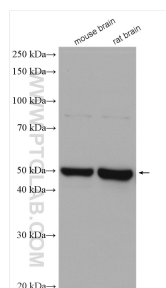
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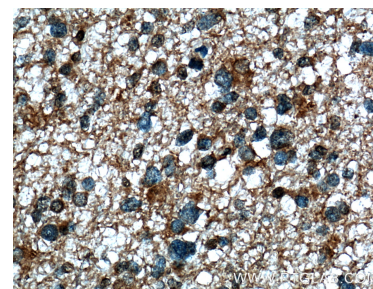
## Selected Validation Data



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).