

# Biotin-conjugated STXBP1 Polyclonal antibody

Catalog Number: **Biotin-11459**

## Basic Information

**Catalog Number:**

Biotin-11459

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1978

**GenBank Accession Number:**

BC015749

**GeneID (NCBI):**

6812

**UNIPROT ID:**

P61764

**Full Name:**

syntaxin binding protein 1

**Calculated MW:**

594 aa, 68 kDa

**Observed MW:**

65-68 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB

**Species Specificity:**

human, mouse, rat

**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 : Y79 cells,

IHC : mouse brain tissue,

## Background Information

### Storage

**Storage:**

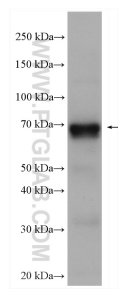
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

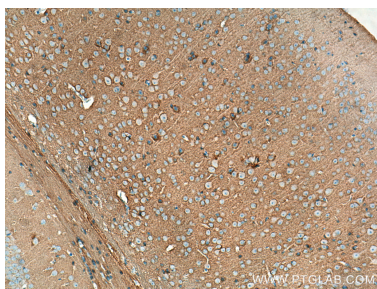
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

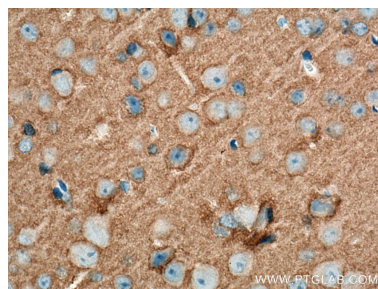
## Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with Biotin-11459 (STXBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-11459 (STXBP1 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 mouse brain tissue slide using Biotin-11459 (STXBP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).