

## STXBP1 Antibody

Catalog No: #32845

Package Size: #32845-1 50ul #32845-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

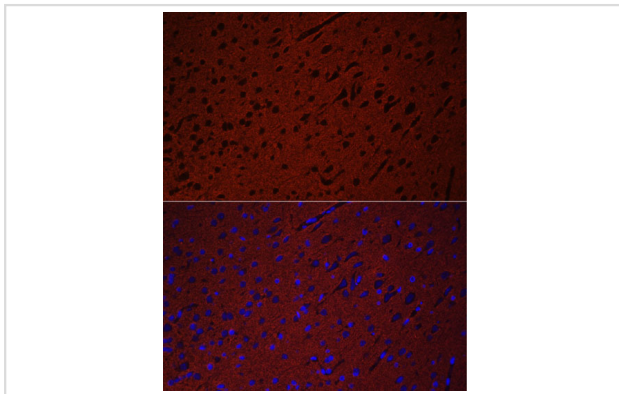
## Description

|                       |  |
|-----------------------|--|
| Product Name          | STXBP1 Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | WB,IF  |
| Species Reactivity    | Human,Mouse,Rat  |
| Specificity           | The antibody detects endogenous level of total STXBP1 protein. |
| Immunogen Type        | Recombinant Protein  |
| Immunogen Description | Recombinant fusion protein of human STXBP1 (NP_001027392.1).   |
| Target Name           | STXBP1   |
| Other Names           | STXBP1;MUNC18-1;NSEC1;P67;RBSEC1;UNC18                         |
| Accession No.         | Uniprot:P61764GeneID:6812                                      |
| Uniprot               | P61764   |
| GeneID                | 6812   |
| SDS-PAGE MW           | 68kDa  |
| Concentration         | 1.0mg/ml   |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.                |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                    |

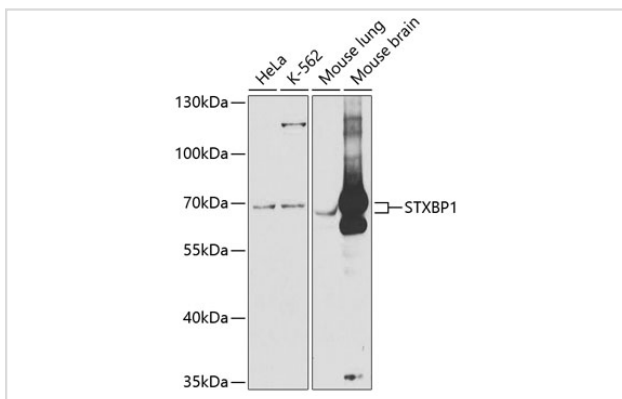
## Application Details

WB  $\square$  1:500 - 1:2000 IF  $\square$  1:50 - 1:200

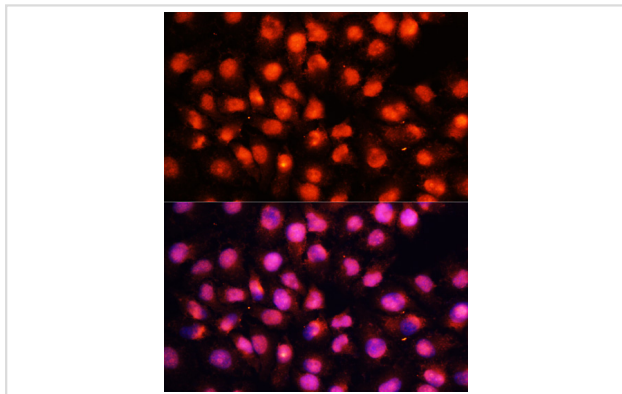
## Images



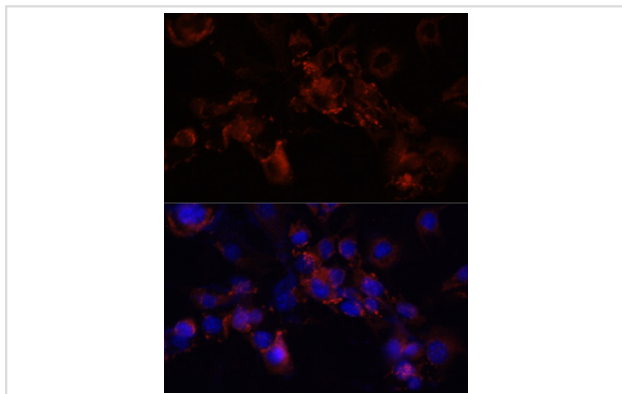
Immunofluorescence analysis of rat brain using STXBP1 antibody.



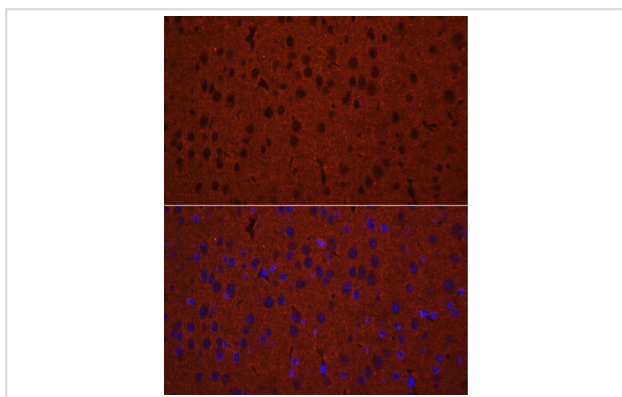
Western blot analysis of extracts of various cell lines, using STXBP1 antibody.



Immunofluorescence analysis of HeLa cells using STXBP1 antibody.



Immunofluorescence analysis of NIH/3T3 cells using STXBP1 antibody.



Immunofluorescence analysis of mouse brain using STXBP1 antibody.

## Background

This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described.

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Note: This product is for in vitro research use only