**Product Datasheet**

# 14 3 3 Rabbit mAb

Catalog No: #52111

Package Size: #52111-1 50ul #52111-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

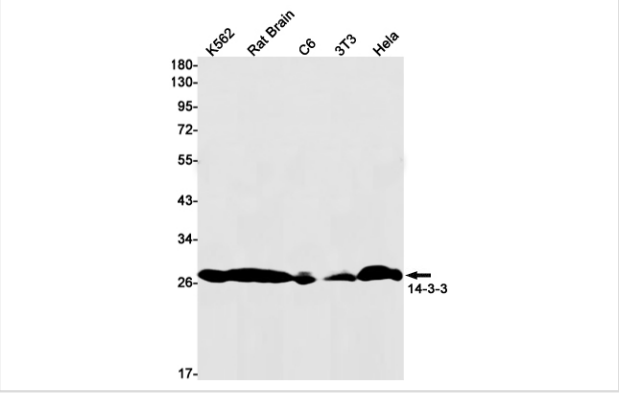
## Description

| | |
|---|---|
| Product Name | 14 3 3 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S07-1A8 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB IHC |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | A synthetic peptide of human 14-3-3 |
| Conjugates | Unconjugated |
| Modification | Unmodification |
| Other Names | HS1; GW128; YWHAA; KCIP-1; HEL-S-1 |
| Accession No. | Swiss-Prot:P31946GeneID:7529 |
| Uniprot | P31946 |
| GeneID | 7529 |
| Calculated MW | Calculated MW: 28 kDa; Observed MW: 28 kDa |
| Concentration | 0.3 mg/ml |
| Formulation | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

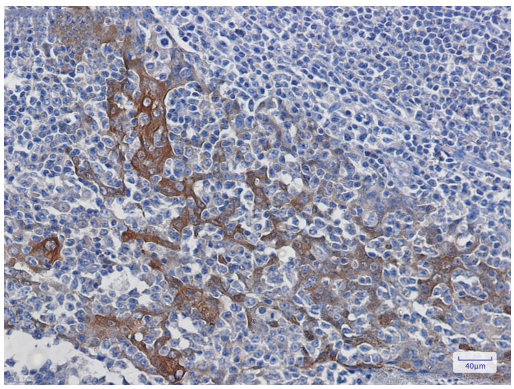
## Application Details

WB: 1/1000; IHC: 1/20;

## Images




Western blot detection of 41701 in K562,Rat Brain,C6,3T3,Hela cell lysates using 14-3-3 Rabbit mAb(1:1000 diluted).Predicted band size:28kDa.Observed band size:28kDa.



Immunohistochemistry of 41701 in paraffin-embedded Human tonsil using 14-3-3 Rabbit mAb at dilution 1/100

## Background

Swiss-Prot Acc.P31946.Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2. Negative regulator of signaling cascades that mediate activation of MAP kinases via AKAP13.

Note: This product is for in vitro research use only