

For Research Use Only

# STYK1 Polyclonal antibody

Catalog Number: 18028-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 18028-1-AP	<b>GenBank Accession Number:</b> BC093822	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55359	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> serine/threonine/tyrosine kinase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 422 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG12594	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, HeLa cells
<b>Cited Applications:</b> WB	<b>IHC :</b> mouse brain tissue,
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Weiy Shi	34055092	Oncol Lett	WB
Su-Lin Zeng	36506394	Heliyon	WB
Yin Yang	35970044	Biochem Biophys Res Commun	WB

## Storage

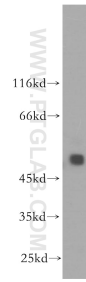
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

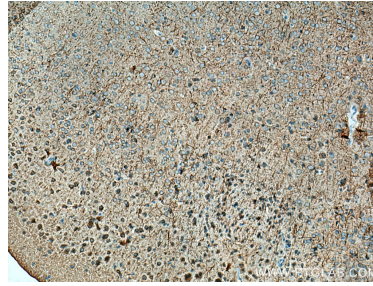
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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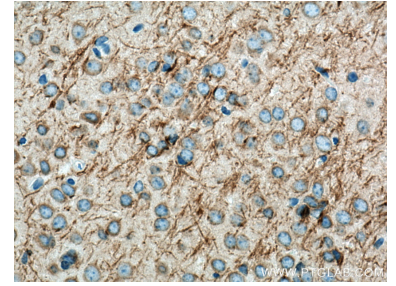
## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 18028-1-AP (STYK1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18028-1-AP (STYK1 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 18028-1-AP (STYK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).