

For Research Use Only

# TLK1 Polyclonal antibody

Catalog Number: 13564-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13564-1-AP	<b>GenBank Accession Number:</b> BC032657	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9874	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> tousled-like kinase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 766 aa, 87 kDa	
<b>Immunogen Catalog Number:</b> AG4440	<b>Observed MW:</b> 85 kDa	

## Applications

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

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Fangfang Wu	31311824	J Neurosci	WB
Ruo-Chuan Sun	38111505	World J Gastroenterol	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

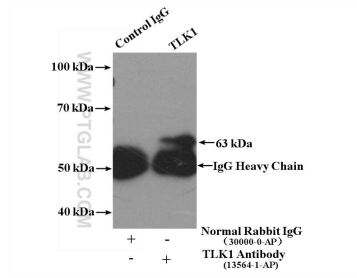
For technical support and original validation data for this product please contact:  
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E: proteintech@ptglab.com  
W: ptglab.com

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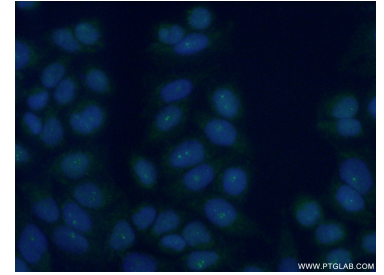
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13564-1-AP (TLK1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-TLK1 (IP:13564-1-AP, 4ug; Detection:13564-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 13564-1-AP (TLK1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).