

For Research Use Only

# KIAA1217 Polyclonal antibody

Catalog Number: 24880-1-AP



## Basic Information

<b>Catalog Number:</b> 24880-1-AP	<b>GenBank Accession Number:</b> BC018764	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 56243	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> KIAA1217	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1943 aa, 214 kDa	
<b>Immunogen Catalog Number:</b> AG19367	<b>Observed MW:</b> 100-110 kDa, 140-160 kDa, 210 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, rat colon tissue, mouse colon tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

KIAA1217, sickle tail protein homolog, is required for normal development of intervertebral disks. It promotes epithelial-mesenchymal transition and hepatocellular carcinoma metastasis by interacting with and activating STAT3, indicating its potential as a therapeutic target for curbing HCC metastasis (PMID: 35008530). It is also a novel candidate gene associated with isolated and syndromic vertebral malformations (PMID: 32369272). KIAA1217 has 9 alternatively spliced isoforms of 100-110 kDa, 140-160 kDa, 210 kDa.

## Storage

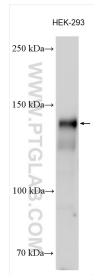
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

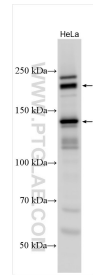
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24880-1-AP (KIAA1217 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 24880-1-AP (KIAA1217 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.