

For Research Use Only

# KIAA1715 Polyclonal antibody

Catalog Number:31308-1-AP



## Basic Information

<b>Catalog Number:</b> 31308-1-AP	<b>GenBank Accession Number:</b> BC105132	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 600 ug/ml	<b>GeneID (NCBI):</b> 80856	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9C0E8	
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA1715	
<b>Immunogen Catalog Number:</b> AG34669	<b>Observed MW:</b> 51 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human, mouse, rat

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

**Positive Controls:**

WB : U2OS cells,

IHC : mouse cerebellum tissue,

IF/ICC : U2OS cells,

## Background Information

KIAA1715, also known as LNPK, is a member of the conserved Lunapark protein family. KIAA1715 is an endoplasmic reticulum (ER) membrane protein consisting of an N-terminal domain important for N-myristoylation and ER targeting, two transmembrane domains and a unique zinc finger domain. It has 4 isoforms produced by alternative splicing and acts mainly as a stabilizer of negative membrane curvature (PMID: 27619977).

## 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

For technical support and original validation data for this product please contact:

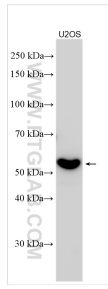
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

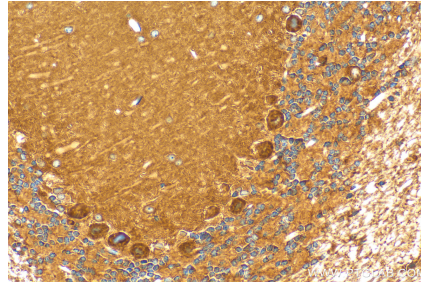
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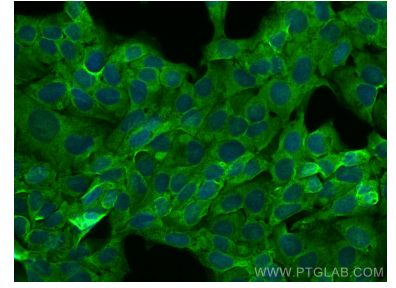
## Selected Validation Data



U2OS cells were subjected to SDS PAGE followed by western blot with 31308-1-AP (KIAA1715 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 31308-1-AP (KIAA1715 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using KIAA1715 antibody (31308-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).