

For Research Use Only

KIAA1715 Polyclonal antibody

Catalog Number: 31308-1-AP



Basic Information

Catalog Number: 31308-1-AP	GenBank Accession Number: BC105132	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 80856	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9C0E8	
Isotype: IgG	Full Name: KIAA1715	
Immunogen Catalog Number: AG34669	Observed MW: 51 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : U2OS cells, IHC : mouse cerebellum tissue, IF/ICC : U2OS cells,
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	

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

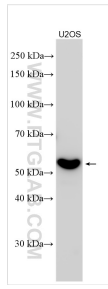
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

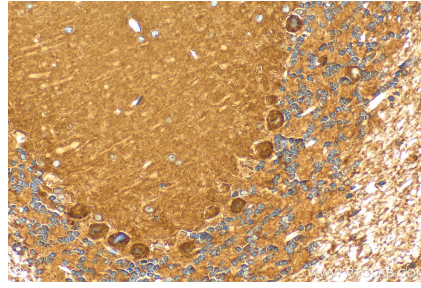
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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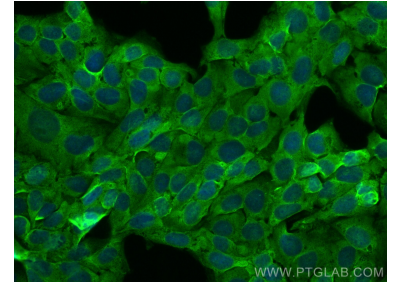
Selected Validation Data



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).