

For Research Use Only

KIAA1715 Recombinant antibody

Catalog Number:83418-5-RR



Basic Information

Catalog Number: 83418-5-RR	GenBank Accession Number: BC105132	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 80856	CloneNo.: 240211B9
Source: Rabbit	UNIPROT ID: Q9C0E8	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: KIAA1715	
Immunogen Catalog Number: AG34669	Observed MW: 53-55 kDa	

Applications

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

Species Specificity:
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

Positive Controls:

WB : HEK-293 cells, K-562 cells, HepG2 cells, U2OS cells, mouse testis tissue, mouse colon tissue, mouse kidney tissue

IHC : mouse cerebellum tissue,

IF/ICC : U-251 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

*** 20ul sizes contain 0.1% BSA

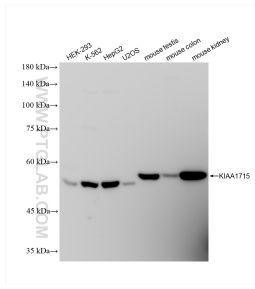
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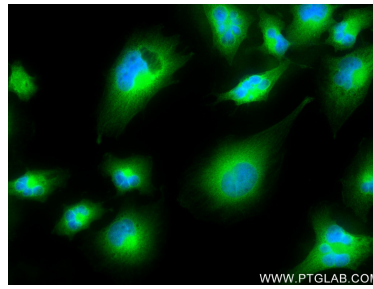
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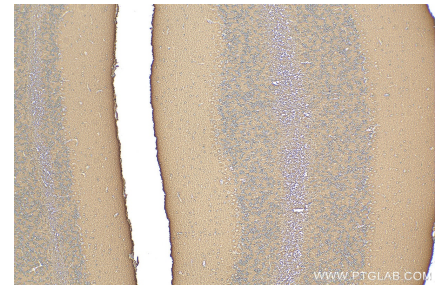
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83418-5-RR (KIAA1715 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using KIAA1715 antibody (83418-5-RR, Clone: 240211B9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 83418-5-RR (KIAA1715 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).