

For Research Use Only

KIAA0319L Monoclonal antibody

Catalog Number: 68717-1-Ig



Basic Information

Catalog Number: 68717-1-Ig	GenBank Accession Number: BC031672	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 79932	CloneNo.: 2E11D9
Source: Mouse	UNIPROT ID: Q8IZA0	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: KIAA0319-like	
Immunogen Catalog Number: AG15263	Calculated MW: 1049 aa, 116 kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, U2OS cells
Species Specificity: Human	

Background Information

KIAA0319L (also known as AAVR) is a type-I transmembrane protein that acts as a receptor for adeno-associated virus (AAV) and is involved in adeno-associated virus infection through endocytosis system (PMID: 26814968). It has been shown that KIAA0319L is highly-glycosylated and can localise to the plasma membrane, endosomes, Golgi and trans-Golgi network (TGN) (PMID: 29991750). KIAA0319L gene has been associated with susceptibility to developmental dyslexia or reading disabilities (PMID: 19085271). The predicted molecular mass of KIAA0319L is 116 kDa, but western blot detected protein at 150 kDa in lysate from HeLa cells, likely due to glycosidic linkages (PMID: 28679762; 30962536).

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

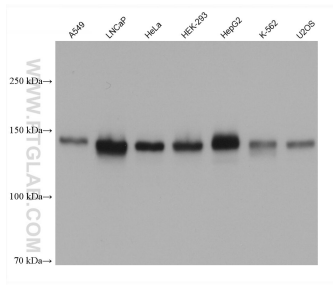
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68717-1-Ig (KIAA0319L antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.