

For Research Use Only

KIAA0319L Monoclonal antibody, PBS Only



Catalog Number: 68717-1-PBS

Basic Information

Catalog Number: 68717-1-PBS	GenBank Accession Number: BC031672	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 79932	CloneNo.: 2E11D9
Source: Mouse	UNIPROT ID: Q8I2AO	
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, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

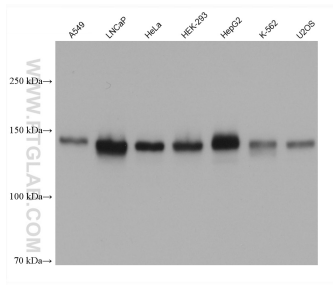
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Selected Validation Data



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. This data was developed using the same antibody clone with 68717-1-PBS in a different storage buffer formulation.