

For Research Use Only

RAB2A Monoclonal antibody

Catalog Number: 67501-1-Ig



Basic Information

Catalog Number: 67501-1-Ig	GenBank Accession Number: BC008929	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5862	CloneNo.: 3E1B10
Source: Mouse	Full Name: RAB2A, member RAS oncogene family	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500
Isotype: IgG2b	Calculated MW: 24 kDa	
Immunogen Catalog Number: AG7939	Observed MW: 21 kDa	

Applications

Tested Applications:

IHC, WB, 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, NIH/3T3 cells, HSC-T6 cells, Jurkat cells, HEK-293 cells, HeLa cells, A549 cells

IHC : mouse brain tissue,

Background Information

The protein belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

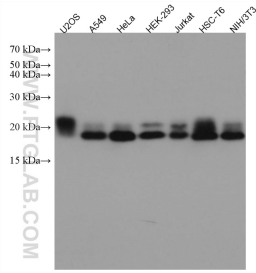
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

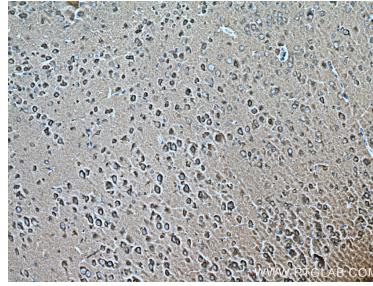
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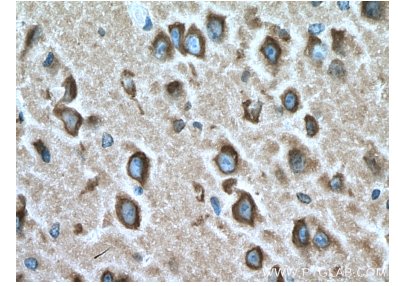
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67501-1-Ig (RAB2A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67501-1-Ig (RAB2A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67501-1-Ig (RAB2A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).