

For Research Use Only

KIAA1024 Polyclonal antibody

Catalog Number: 32467-1-AP



Basic Information

Catalog Number: 32467-1-AP	GenBank Accession Number: NM_015206.2	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 23251	Recommended Dilutions: WB: 1:500-1:1000
Isotype: IgG	UNIPROT ID: Q9UPX6	
Immunogen Catalog Number: AG38274	Full Name: KIAA1024	
	Calculated MW: 103kDa, 916aa	
	Observed MW: 102 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat brain tissue,
Species Specificity: human, rat	

Background Information

KIAA1024 negatively regulates the activities of mTORC1 and mTORC2 by stabilizing the MTOR complex inhibitor DEPTOR, thus inhibiting cell overgrowth. In cultured hippocampal neurons and PC12 cells, knocking down KIAA1024 can activate mTOR signal and promote neurite outgrowth. However, in zebrafish and mouse transplanted tumor models, deletion of this gene will significantly enhance the tumor formation induced by HRAS(G12V), suggesting that it has antitumor effect.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

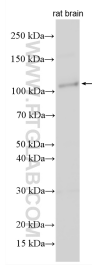
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32467-1-AP (KIAA1024 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.