

For Research Use Only

DPH5 Polyclonal antibody

Catalog Number: 33922-1-AP



Basic Information

Catalog Number: 33922-1-AP	GenBank Accession Number: NM_001077394.1	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 51611	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	UNIPROT ID: Q9H2P9	
Immunogen Catalog Number: AG38953	Full Name: DPH5 homolog (S. cerevisiae)	
	Calculated MW: 32kDa, 285aa	
	Observed MW: 26-36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A-204 cells, HL-60 cells, Raji cells, Ramos cells
Species Specificity: human	

Background Information

The research background of DPH5 mainly revolves around its key role in diphthamide amide biosynthesis pathway. Diphtheria amide is a highly conserved post-translational modification of eukaryotic translation elongation factor eEF2, which is very important for maintaining translation accuracy and protein synthesis efficiency. Due to modification, the molecular weight is 26-36 kDa. There are also some isoform and ubiquitination modifications.

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:

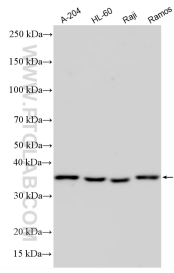
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33922-1-AP (DPH5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.