

For Research Use Only

KYNU Recombinant antibody

Catalog Number: 86555-3-RR



Basic Information

Catalog Number: 86555-3-RR	GenBank Accession Number: BC000879	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8942	CloneNo.: 251437D1
Source: Rabbit	UNIPROT ID: Q16719	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: kynureninase (L-kynurenine hydrolase)	
Immunogen Catalog Number: AG2365	Calculated MW: 465aa,52 kDa; 307aa,35 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, A549 cells
Species Specificity: human	

Background Information

KYNU(kynureninase) is also named as L-kynurenine hydrolase and belongs to the kynureninase family. It is a pyridoxal-5'-phosphate-(pyridoxal-P)-dependent enzyme that catalyses the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively(PMID:8706755). In SDS-PAGE, it can detect a 48 kDa band lower than the predicted molecular weight of 52 kDa due to limited proteolysis of the enzyme which might occur during handling of the protein(PMID:8706755).

Storage

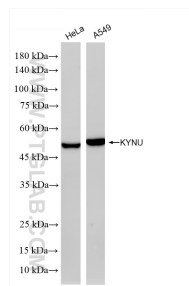
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86555-3-RR (KYNUR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.