

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;	GenID (NCBI):	8942	CloneNo.:	251437D1
Source:	Rabbit	UNIPROT ID:	Q16719	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	kynureninase (L-kynurenone hydrolase)		
Immunogen Catalog Number:	AG2365	Calculated MW:	465aa, 52 kDa; 307aa, 35 kDa		
		Observed MW:	52 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: HeLa cells, A549 cells

Species Specificity:
human

Background Information

KYNU(kynureninase) is also named as L-kynurenone hydrolase and belongs to the kynureninase family. It is a pyridoxal-5'-phosphate-(pyridoxal-P)-depe11dent enzyme that catalyses the cleavage of L-kynurenone and L-3-hydroxykynurenone 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

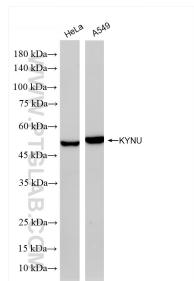
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



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