

For Research Use Only

KYNU Recombinant antibody, PBS Only

Catalog Number: 86555-3-PBS



Basic Information

Catalog Number:	86555-3-PBS	GenBank Accession Number:	BC000879	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	8942	CloneNo.:	251437D1
Source:	Rabbit	UNIPROT ID:	Q16719		
Isotype:	IgG	Full Name:	kynureinase (L-kynureanine hydrolase)		
Immunogen Catalog Number:	AG2365	Calculated MW:	465aa, 52 kDa; 307aa, 35 kDa		
		Observed MW:	45-52 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

KYNU(kynureinase) is also named as L-kynureanine hydrolase and belongs to the kynureinase family. It is a pyridoxal-5'-phosphate-(pyridoxal-P)-depe11dent enzyme that catalyses the cleavage of L-kynureanine and L-3-hydroxykynureanine 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

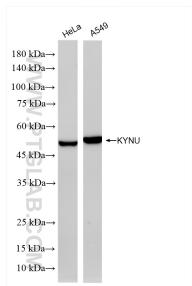
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E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86555-3-RR (KYNU antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86555-3-PBS in a different storage buffer formulation.