

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8942	CloneNo.: 251437D1
Source: Rabbit	UNIPROT ID: Q16719	
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, Indirect ELISA

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

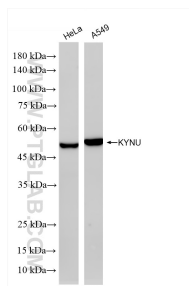
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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)
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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.