

For Research Use Only

# KYNU Recombinant antibody

Catalog Number: 86555-4-RR



## Basic Information

Catalog Number:

86555-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2365

GenBank Accession Number:

BC000879

GeneID (NCBI):

8942

UNIPROT ID:

Q16719

Full Name:

kynureninase (L-kynurenine hydrolase)

Calculated MW:

465aa, 52 kDa; 307aa, 35 kDa

Observed MW:

45-52 kDa

Purification Method:

Protein A purification

CloneNo.:

251437C8

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, A549 cells, THP-1 cells

IF/ICC : A549 cells,

## 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

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

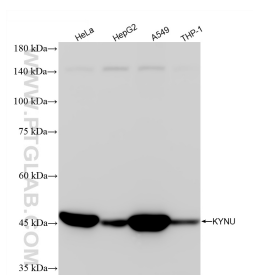
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

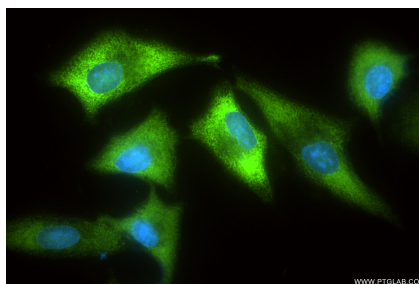
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86555-4-RR (KYNU antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using KYNU antibody (86555-4-RR, Clone: 251437C8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).