

# KYNU Rabbit pAb

Catalog No.: A6643

## Basic Information

### Observed MW

52kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

## Immunogen Information

### Gene ID

8942

### Swiss Prot

Q16719

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-307 of human KYNU (NP\_001028170.1).

### Synonyms

KYNUU; VCRL2; KYNU

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

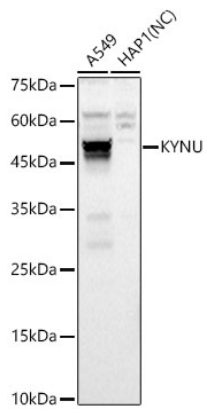
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

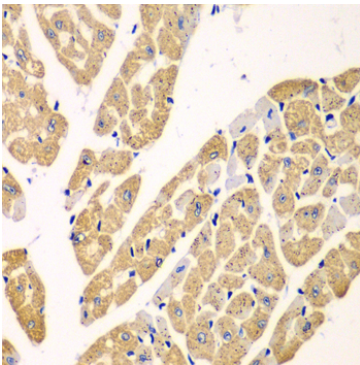
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates, using KYNU Rabbit pAb (A6643) at 1:400 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): HAP1  
Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using KYNU Rabbit pAb (A6643) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.