

KYNU Rabbit pAb

Catalog No.: A6643

1 Publications

Basic Information

Observed MW

52kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

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
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

8942

Swiss Prot

Q16719

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

KYNUU; VCRL2; KYNU

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

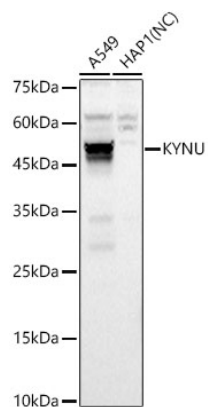
Affinity purification

Storage

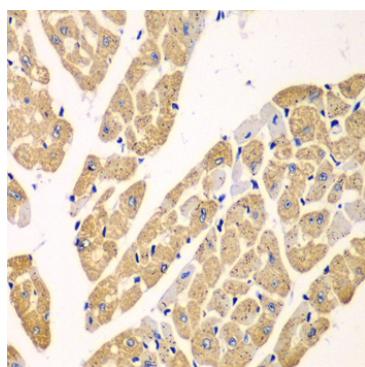
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using KYNU Rabbit pAb (A6643) at 1:400 dilution.
Secondary antibody: HRP-conjugated 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).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.