

Rabbit KYNU Polyclonal Antibody | anti-KYNU antibody

KYNU Polyclonal Antibody

CATALOG # AAA279843	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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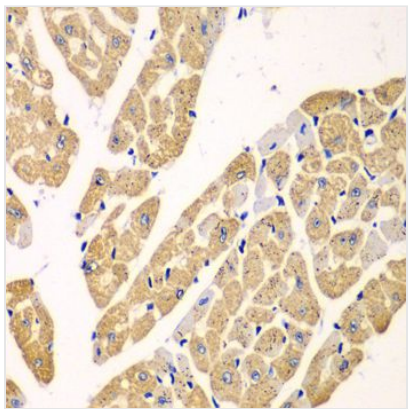
PRODUCT SYNONYMS

KYNU; Polyclonal Antibody; KYNU Polyclonal Antibody; anti-KYNU antibody

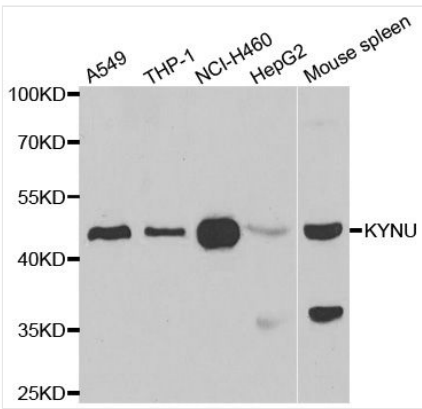
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	465
Applicable Applications for anti-KYNU antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human KYNU
Calculated Molecular Weight	52kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using KYNu antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using KYNu antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-KYNu antibody	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.
Product Categories/Family for anti-KYNu antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3913982
NCBI GeneID	8942
UniProt Accession #	Q16719; Q6I9T2; Q9BVW3; B2RCZ5; D3DP79
Molecular Weight	465
NCBI Official Full Name	Kynureninase
NCBI Official Synonym Full Names	kynureninase
NCBI Official Symbol	KYNU
NCBI Official Synonym Symbols	KYNUU
NCBI Protein Information	kynureninase; KYNU; L-kynurenine hydrolase
UniProt Protein Name	Kynureninase
UniProt Gene Name	KYNU
UniProt Entry Name	KYNU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.