

KYNU antibody

Catalog No: #39066

Package Size: #39066-1 50ul #39066-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

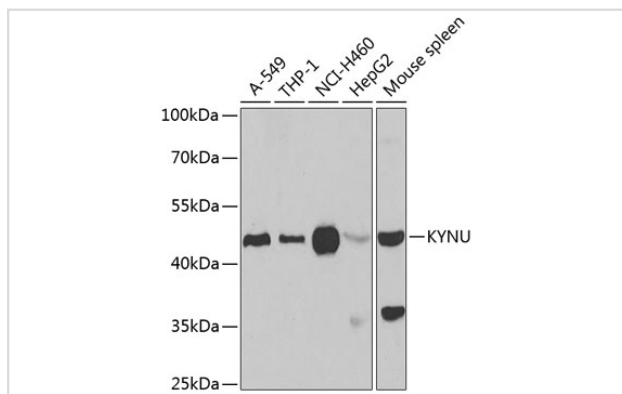
Description

Product Name	KYNU antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total KYNU protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human KYNU.
Target Name	KYNU
Accession No.	Swiss-Prot#: Q16719NCBI Gene ID: 8942
Uniprot	Q16719
GeneID	8942;
SDS-PAGE MW	52kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

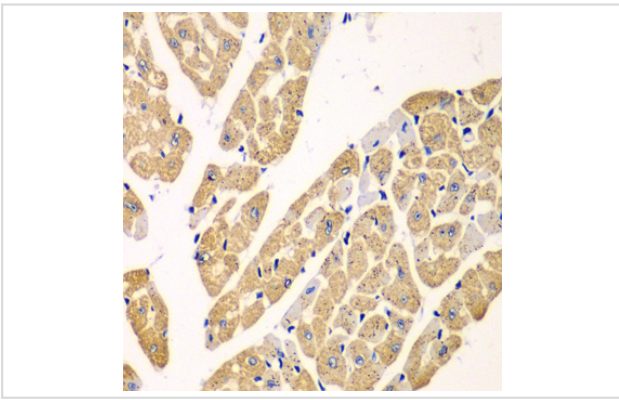
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:100 IF □ 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using KYNU at 1:1000 dilution.



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

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.

Note: This product is for in vitro research use only