

Datasheet for ABIN2782444
anti-KYNU antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KYNU
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KYNU antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human KYNU
Sequence:	MEPSSLELPA DTVQRIAAEL KCHPTDERVA LHLDEEDKLR HFRECFYIPK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 93%, Rabbit: 85%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against KYNU. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	KYNU
---------	------

Target Details

Alternative Name:	KYNU (KYNU Products)
Background:	<p>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. 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. Two transcript variants encoding different isoforms have been found for this gene. 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. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: LDHAL6B, BCCIP, CNBP2, NAGK, CHORDC1, C11orf58, NDRG1, GDA, SMS, RPS6KA1, PEPD, MVD, LDHA, GSR, GNS, CSE1L, ADSS, LYN, UBC, PALM2, SMEK2, SSU72, SIRT1, NUP210, SEC23IP, COIL, TPM3, SMARCD2, SGTA, PPM1G, ASNS,</p> <p>Protein Size: 465</p>
Molecular Weight:	52 kDa
Gene ID:	8942
NCBI Accession:	NM_003937 , NP_003928
UniProt:	Q16719

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 465 AA
Restrictions:	For Research Use only

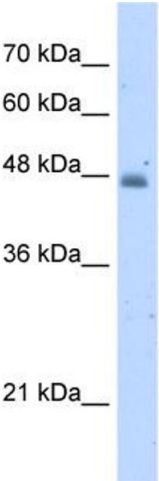
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-KYNU Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate KYNU is supported by BioGPS gene expression data to be expressed in HepG2