

Rabbit anti-Human KYNU Polyclonal Antibody | anti-KYNU antibody

KYNU Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289034	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

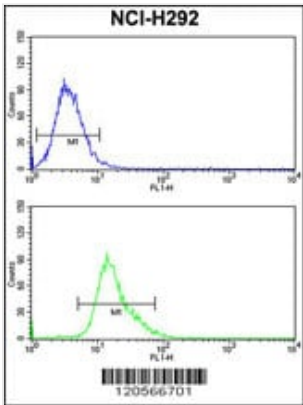
PRODUCT SYNONYMS

KYNU; Polyclonal Antibody; KYNU Antibody (C-term); Kynureninase {ECO:0000255|HAMAP-Rule:MF_03017}; 3713 {ECO:0000255|HAMAP-Rule:MF_03017}; L-kynurenine hydrolase {ECO:0000255|HAMAP-Rule:MF_03017}; KYNU {ECO:0000255|HAMAP-Rule:MF_03017}; anti-KYNU antibody

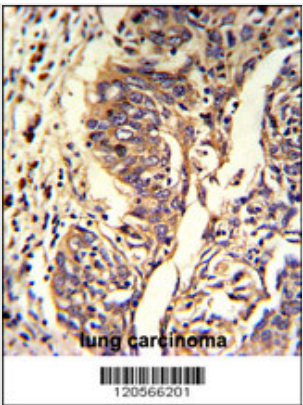
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KYNU antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 359-386 amino acids from the C-terminal region of human KYNU.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	359-386
Sequence Length	307
Applicable Applications for anti-KYNU antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

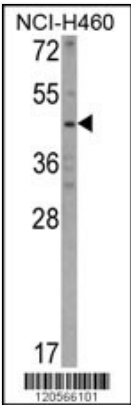
IMAGES



FCM/FACS (Flow Cytometry)
KYNu Antibody (C-term) flow cytometry analysis of NCI-H292 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with KYNu Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of KYNu Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). KYNu (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KYNu antibody	KYNu 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. KYNu is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway.
Product Categories/Family for anti-KYNu antibody	Metabolism; Signal Transduction
References	Christensen,M., et.al., J. Inherit. Metab. Dis. 30 (2), 248-255 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	74101437
NCBI GeneID	8942
NCBI Accession #	NP_001028170.1; NP_001186170.1; NP_003928.1
NCBI GenBank Nucleotide #	NM_001032998.1
UniProt Accession #	Q16719; Q6I9T2; Q9BVW3; B2RCZ5; D3DP79
Molecular Weight	52352

NCBI Official Full Name	kynureninase isoform b
NCBI Official Synonym Full Names	kynureninase
NCBI Official Symbol	KYNU
NCBI Official Synonym Symbols	KYNUU
NCBI Protein Information	kynureninase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kynu-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289034>