

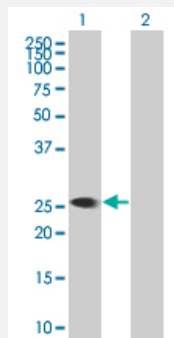
MaxPab®

KYNU MaxPab mouse polyclonal antibody (B01)

Catalog # H00008942-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KYNU expression in transfected 293T cell line ([H00008942-T01](#)) by KYNU MaxPab polyclonal antibody.

Lane 1: KYNU transfected lysate(33.77 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KYNU protein.
Immunogen	KYNU (NP_001028170.1, 1 a.a. ~ 307 a.a) full-length human protein.
Sequence	MEPSSLELPADTVQRIAAELKCHPTDERVALHLDEEDKLRHFRECFYIPKIQDLPPVDLSLVNKDE NAIYFLGNSLGLQPKMVKTYLEEELDKWAKIAAYGHEVGKRPWITGDESIVGLMKDIVGANEKEIAL MNALTVNLHLLMLSFFKPTPKRYKILLEAKAFPSDHYAIESQLQLHGLNIEESMRMIKPREGEETLRI EDILEVIEKEGDSIAVILFSGVHFYTGQHFNIPAITKAGQAKGCYVGFDLAHAVGNVELYLHDWGV D FACWCSYKYLNAGAGGIAGAFIHEKHAHTIKPARSEFFN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of KYNU expression in transfected 293T cell line ([H00008942-T01](#)) by KYNU MaxPab polyclonal antibody.

Lane 1: KYNU transfected lysate(33.77 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — KYNU

Entrez GeneID	8942
GeneBank Accession#	NM_001032998.1
Protein Accession#	NP_001028170.1
Gene Name	KYNU
Gene Alias	-
Gene Description	kynureninase (L-kynurenine hydrolase)
Omim ID	236800 605197
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	L-kynurenine hydrolase

Publication Reference

- [A TDO2-AhR Signaling Axis Facilitates Anoikis Resistance and Metastasis in Triple-Negative Breast Cancer.](#)

D'Amato NC, Rogers TJ, Gordon MA, Greene LI, Cochrane DR, Spoelstra NS, Nemkov TG, D'Alessandro A, Hansen KC, Richer JK.

Cancer Research 2015 Nov; 75(21):4651.

Application: WB, Human, BT549, MDA-MB-231, SUM159PT cells

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Hypertension](#)
- [Tobacco Use Disorder](#)