info@arigobio.com

ARG44856
anti-KYNU antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes KYNU
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	KYNU
Species	Human
Epitope	DTVQRIAAEL KCHPTDERVA LHLDEEDKLR HFRECFYIPK IQDLPPVDLS LVNKDENAIY FLGNSLGLQP KMVKTYLEEE LDKWAKIAAY GHEVGKRPWI TGDESIVGLM KDIVGANEKE IALMNALTVN LHLLMLSFFK PTPKRYKILL EAKAFPSDHY AIESQLQLHG LNIEESMRMI KPREGEETLR IEDILEVIEK
Conjugation	Un-conjugated
Alternate Names	KYNU; Kynureninase; L-Kynurenine Hydrolase; EC 3.7.1.3; Kynureninase (L-Kynurenine Hydrolase); KYNUU; VCRL2

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

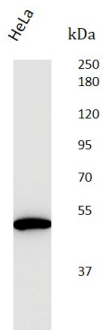
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	KYNU
Gene Full Name	Kynureninase
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. [provided by RefSeq, Nov 2010]
Function	Catalyzes the cleavage of L-kynurenine (L-Kyn) and L-3-hydroxykynurenine (L-3OHKyn) into anthranilic acid (AA) and 3-hydroxyanthranilic acid (3-OHAA), respectively. Has a preference for the L-3-hydroxy form. Also has cysteine-conjugate-beta-lyase activity. [Uniprot]
PTM	Acetylation. [Uniprot]
Cellular Localization	Cytoplasm. [Uniprot]

Images



ARG44856 anti-KYNU antibody WB image

Western blot: HeLa stained with ARG44856 anti-KYNU antibody at 1 µg/mL dilution.