

Product Datasheet

Kynureninase Antibody - BSA Free NBP1-56545

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-56545

Kynureninase Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	52 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	8942
Gene Symbol	KYNU
Species	Human
Immunogen	Synthetic peptides corresponding to KYNU(kynureninase (L-kynurenine hydrolase)) The peptide sequence was selected from the C terminal of KYNU. Peptide sequence LAHAVGNVELYLHDWGVDFACWCSYKYLNAGAGGIAGAFIHEKHAHTIKP. The peptide sequence for this immunogen was taken from within the described region.

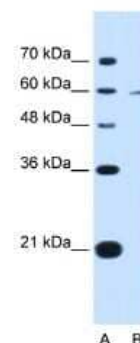
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

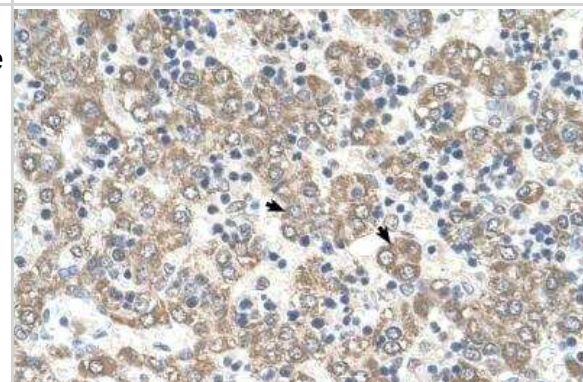


Images

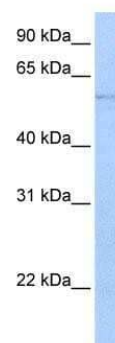
Western Blot: Kynureninase Antibody [NBP1-56545] - Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1 : 312500 Positive control: HepG2 cell lysate KYNLU is supported by BioGPS gene expression data to be expressed in HepG2.



Immunohistochemistry-Paraffin: Kynureninase Antibody [NBP1-56545] - Human Liver Tissue, antibody concentration 4-8ug/ml. Cells with positive label: Hepatocytes (indicated with arrows) 400X magnification.



Western Blot: Kynureninase Antibody [NBP1-56545] - KYNLU Antibody [NBP1-56545] - HepG2 cell lysate, Antibody Titration: 0.2-1 ug/ml



Publications

Bosnyak E, Kamson DO, Guastella AR et al. Molecular imaging correlates of tryptophan metabolism via the kynurenine pathway in human meningiomas. *Neuro Oncol* 2015-09-01 [PMID: 26092774] (IF/IHC)

Guastella AR, Michelhaugh SK, Klinger NV et al. Tryptophan PET Imaging of the kynurenine Pathway in Patient-Derived Xenograft Models of Glioblastoma. *Mol Imaging*. 2016-05-06 [PMID: 27151136] (IHC-P, Human)



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Products Related to NBP1-56545

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-14180PEP	Kynureninase Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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