

Product Datasheet

CYTB Antibody - Azide and BSA Free NBP2-92639-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-92639-0.1ml

CYTB Antibody - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	43 kDa

Product Description

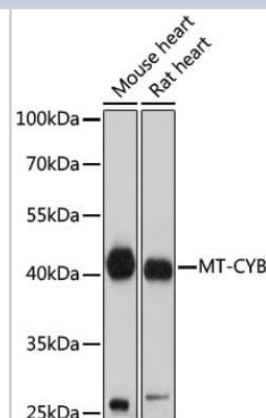
Host	Rabbit
Gene ID	4519
Gene Symbol	CYTB
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CYTB (YP_003024038.1). RGLYYGSFLYSETWNIGIILLLATMATAFMGYVLPWGQMSFWGATVITNLLSAIP YIGTDLVQWIWGGYSVDSPTLTRFFTFHFILPFIIAALATLHLLFL

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50-1:200, Immunocytochemistry/Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin

Images

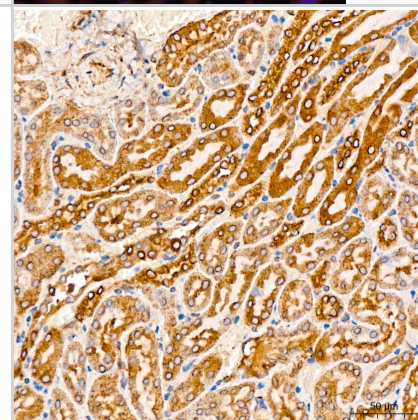
Western Blot: CYTB Antibody [NBP2-92639] - Analysis of extracts of various cell lines, using CYTB at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



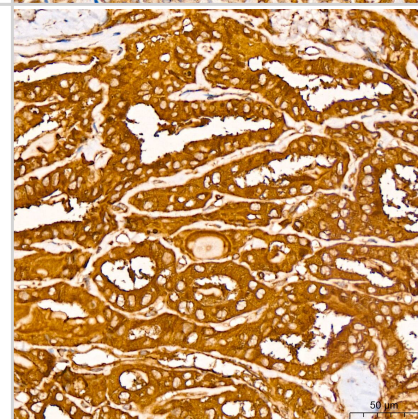
Immunocytochemistry/Immunofluorescence: CYTB Antibody [NBP2-92639] - Analysis of L929 cells using CYTB . Blue: DAPI for nuclear staining.



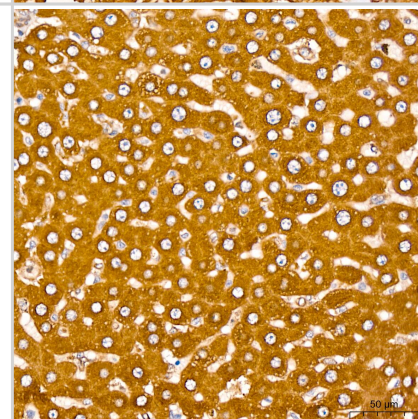
Immunohistochemistry: CYTB Antibody - Azide and BSA Free [NBP2-92639] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using CYTB Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: CYTB Antibody - Azide and BSA Free [NBP2-92639] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using CYTB Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: CYTB Antibody - Azide and BSA Free [NBP2-92639] - Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using CYTB Rabbit pAb at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Publications

Gu X, Li K, Zhang M et al. Aspartyl-tRNA synthetase 2 orchestrates iron-sulfur metabolism in hematopoietic stem cells via fine-tuning alternative RNA splicing Cell reports 2023-10-31 [PMID: 37838946] (ICC/IF, Mouse)



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Products Related to NBP2-92639-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57841PEP	CYTB 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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