

Product Datasheet

Myt1 Antibody - BSA Free NBP1-81021

Unit Size: 0.1 ml

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

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NBP1-81021

Myt1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Host	Rabbit
Gene ID	4661
Gene Symbol	MYT1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%). Mouse reactivity reported in scientific literature (PMID: 26607952).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EAAPDVIFQEDTSHTSAQKAPELRGPESPSKPPEYSVIVEVRSDDDKDEDTHS RKSTVTDESEMQDMMTRGNLGLLEQAIALKAEQVRTVCEPGCPPAEQSQLGL GEPGKAAKPLDT

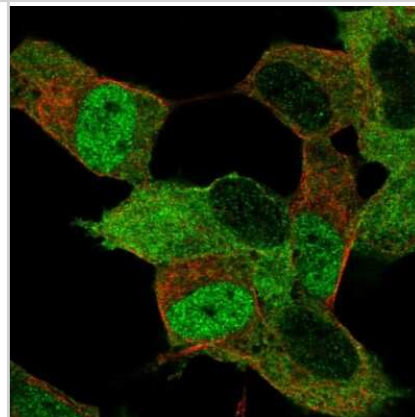
Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IP reported in the scientific literature (PMID: 26607952).

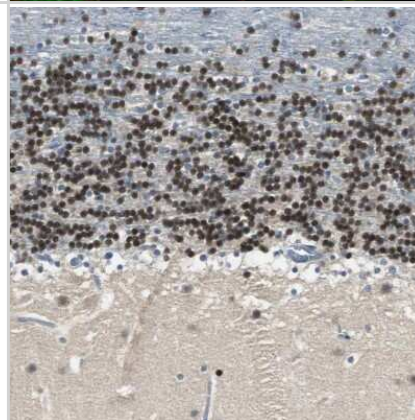


Images

Immunocytochemistry/Immunofluorescence: Myt1 Antibody [NBP1-81021] - Immunofluorescent staining of human cell line SH-SY5Y shows localization to nucleoplasm & cytosol.



Immunohistochemistry-Paraffin: Myt1 Antibody [NBP1-81021] - Staining of human cerebellum shows moderate nuclear positivity in cells in granular layer.



Publications

Islam MM, Smith DK, Niu W et al. Enhancer Analysis Unveils Genetic Interactions between TLX and SOX2 in Neural Stem Cells and In Vivo Reprogramming. Stem Cell Reports 2015-10-20 [PMID: 26607952] (IP, Mouse)

Chandrasekar V, Dreyer JL et al. The Brain-Specific Neural Zinc Finger Transcription Factor 2b (NZF-2b/7ZFMyt1) Suppresses Cocaine Self-Administration in Rats. Front Behav Neurosci 2010-04-01 [PMID: 20407577]

Chandrasekar V, Dreyer JL et al. The brain-specific Neural Zinc Finger transcription factor 2b (NZF-2b/7ZFMyt1) causes suppression of cocaine-induced locomotor activity. Neurobiol Dis 2010-01-01 [PMID: 19786102]



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Products Related to NBP1-81021

NBP1-81021PEP	Myt1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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