

Product Datasheet

HOXB7 Antibody NBP2-14098

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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NBP2-14098**HOXB7 Antibody**

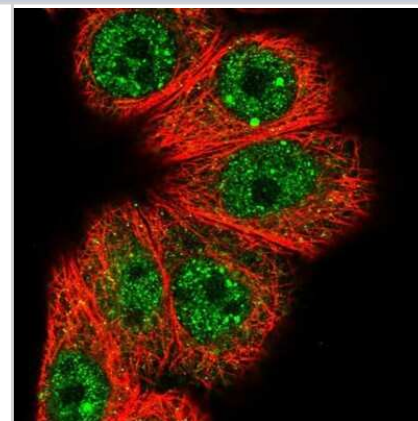
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3217
Gene Symbol	HOXB7
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 30348677)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GLEPSSFNMHCAPFEQNLSGVCPGDSAKAAGAKEQRDSDLAAESNFRI

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	For ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

Immunocytochemistry/Immunofluorescence: HOXB7 Antibody [NBP2-14098] - Staining of human cell line MCF-7 shows positivity in nucleus but not nucleoli and cytoplasm. Antibody staining is shown in green.



Publications

Komatsuda H, Wakisaka R, Kono M et al. Mitogen-activated protein kinase inhibition augments the T cell response against HOXB7-expressing tumor through human leukocyte antigen upregulation *Cancer Science* 2023-02-01 [PMID: 36285482] (Immunohistochemistry)

Chen J, Luo J, He J et al. Cell Cycle-Related Gene SPC24: A Novel Potential Diagnostic and Prognostic Biomarker for Laryngeal Squamous Cell Cancer *BioMed Research International* 2023-01-21 [PMID: 36718148] (Immunohistochemistry, Western Blot)

Mo J, Anastasaki C, Chen Z et al. Humanized neurofibroma model from induced pluripotent stem cells delineates tumor pathogenesis and developmental origins *J Clin Invest* 2020-10-27 [PMID: 33108355]

Chen Z, Mo J, Brosseau JP et al. Spatiotemporal loss of NF1 in Schwann cell lineage leads to different types of cutaneous neurofibroma susceptible to modification by the Hippo pathway. *Cancer Discov.* 2018-10-22 [PMID: 30348677] (IHC-P, Mouse)

Wang X, Bledsoe KL, Graham RP et al. Recurrent PAX3-MAML3 fusion in biphenotypic sinonasal sarcoma. *Nat Genet* 2014-07-01 [PMID: 24859338]





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Products Related to NBP2-14098

NBP2-14098PEP	HOXB7 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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