

Product Datasheet

NFATC2/NFAT1 Antibody - BSA Free NBP1-82583

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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NBP1-82583

NFATC2/NFAT1 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	4773
Gene Symbol	NFATC2
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%). Mouse reactivity reported in scientific literature (PMID: 25719243).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DFSILFDYEYLNPNEEEEPNNAHKVASPPSGPAYPDDVLDYGLKPYSPLASLSGEP PGRFGEPDRVGPQKFLSAAKPAGASGLSPRIEITPSHELIQAVGPLMRDAGLL VEQPPLAGVAASPRFTLPV

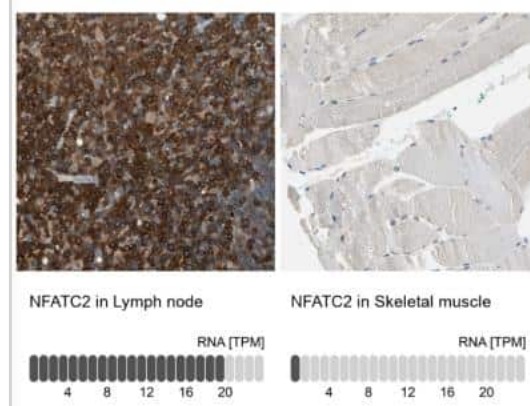
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC reported in scientific literature (PMID: 25719243). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

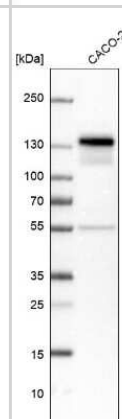


Images

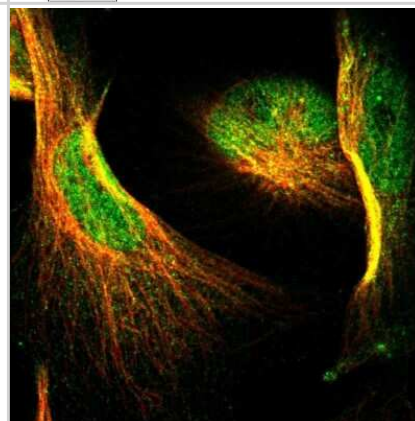
Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82583] - Analysis in human lymph node and skeletal muscle tissues. Corresponding NFATC2 RNA-seq data are presented for the same tissues.



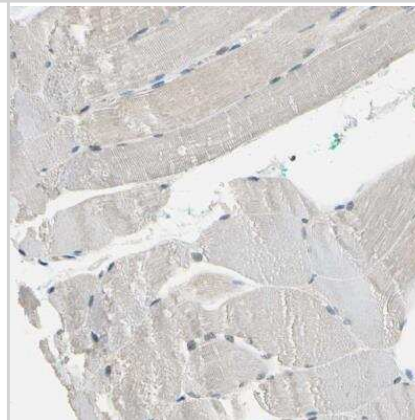
Western Blot: NFATC2/NFAT1 Antibody [NBP1-82583] - Analysis in human cell line CACO-2.



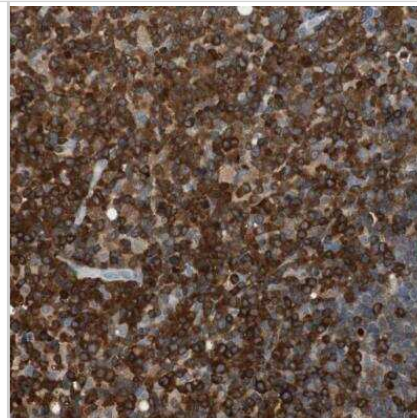
Immunocytochemistry/Immunofluorescence: NFATC2/NFAT1 Antibody [NBP1-82583] - Staining of human cell line U-251 MG shows localization to nucleoplasm and cytosol. Antibody staining is shown in green.



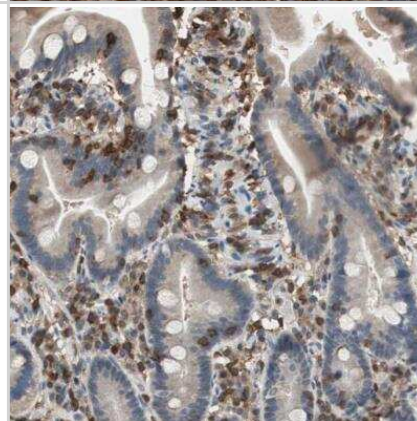
Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82583] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82583] - Staining of human lymph node shows positivity in lymphoid cells.



Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82583] - Staining of human duodenum shows positivity in lymphoid cells.



Publications

Scanlon CS, Banerjee R, Inglehart RC et al. Galanin modulates the neural niche to favour perineural invasion in head and neck cancer. Nat Commun 2015-04-28 [PMID: 25917569] (WB, Human)

Tran Quang C, Leboucher S, Passaro D et al. The calcineurin/NFAT pathway is activated in diagnostic breast cancer cases and is essential to survival and metastasis of mammary cancer cells. Cell Death Dis 2015-02-26 [PMID: 25719243] (IF/IHC, Mouse)



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Products Related to NBP1-82583

NBP1-82583PEP	NFATC2/NFAT1 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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