

# Product Datasheet

## NFATC2/NFAT1 Antibody - BSA Free NBP1-82582

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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### Publications: 1

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Updated 9/9/2025 v.20.1

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**NBP1-82582**

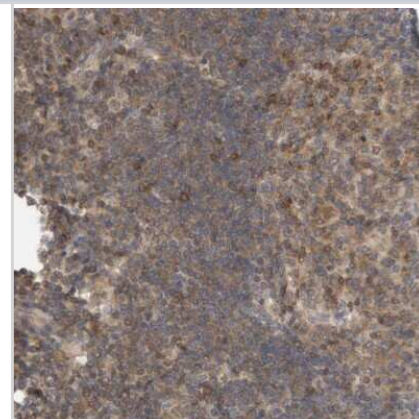
NFATC2/NFAT1 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit NFATC2/NFAT1 Antibody - BSA Free (NBP1-82582) is a polyclonal antibody validated for use in IHC. Anti-NFATC2/NFAT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4773
Gene Symbol	NFATC2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (84%). Human reactivity reported in scientific literature (PMID: 26387540).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GSQPYYPQHMPVAESPSCLVATMAPCQQFRTGLSSPDARYQQQNPAAVLYQ RSKSLSPSLLGYQQPALMAAPLSLADAHRSVLVHAGSQGQSSALLHPSPTNQ QASPVIIHYSPTN
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	IHC reported in scientific literature (PMID: 26387540). For IHC-Paraffin, HIER pH 6 retrieval is recommended. IF fixation permeabilization: PFA/Triton X-100.



## Images

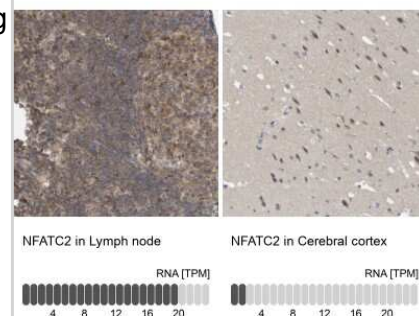
Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82582] - Staining of human lymph node shows high expression.



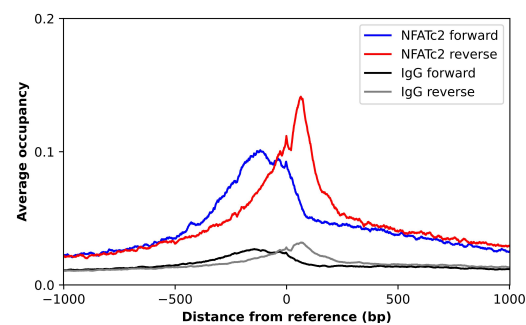
Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82582] - Staining of human cerebral cortex shows low expression as expected.



Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody [NBP1-82582] - Staining in human lymph node and cerebral cortex tissues using anti-NFATC2 antibody. Corresponding NFATC2 RNA-seq data are presented for the same tissues.



ChIP-Exo-Seq composite graph for Anti-NFATC2 (NBP1-82582) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

V Perotti, P Baldassari, A Molla et al. NFATc2 is an intrinsic regulator of melanoma dedifferentiation. *Oncogene* 2015-09-21 [PMID: 26387540] (IF/IHC, Human)



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### **Products Related to NBP1-82582**

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NBP1-82582PEP	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

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### **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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