

# Product Datasheet

## NFATC4 Antibody NB100-1082

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 3

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**NB100-1082**

## NFATC4 Antibody

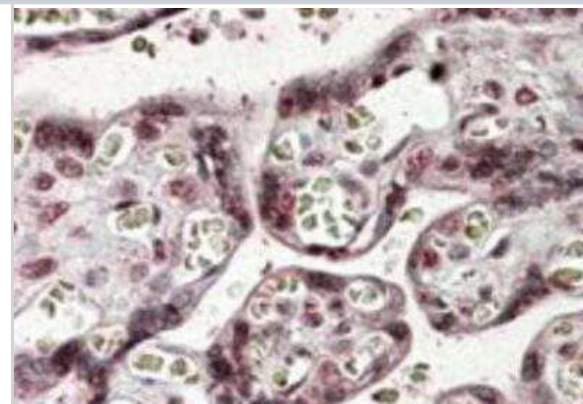
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat NFATC4 Antibody (NB100-1082) is a polyclonal antibody validated for use in IHC and ELISA. Anti-NFATC4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4776
Gene Symbol	NFATC4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoform 2, 3, 4 and 5 (NP_004545.2; NP_001185894.1; NP_001185895.1; NP_001185896.1 respectively).
Immunogen	Peptide with sequence C-SGFPAPPGEPPA corresponding to C-Terminus according to NP_004545.2, NP_001185894.1, NP_001185895.1, NP_001185896.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2.5 - 3.8 ug/ml, Immunohistochemistry-Paraffin 2.5 - 3.8 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: No signal obtained yet but low background observed in MOLT-4, Jurkat, A431, HeLa, human brain and human heart lysates at upto 2ug/ml. IHC-P: Human placenta shows weak nuclear staining in trophoblasts.

**Images**

Immunohistochemistry-Paraffin: NFATC4 Antibody [NB100-1082] - (3.8ug/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Trost MJ, Cowell M, Cannon J et al. Risk factors for overnight respiratory events following sedation for magnetic resonance imaging in children with sleep apnea *Sleep & breathing = Schlaf & Atmung* 2016-09-28 [PMID: 27683261]

Stafylis C, Bristow CC, Natoli LJ et al. Field evaluation of a dual rapid Human Immunodeficiency Virus and treponemal syphilis rapid test in community-based clinics in Los Angeles and New York *Diagnostic microbiology and infectious disease* 2020-11-05 [PMID: 30704779]

Hoey T, Sun YL, Williamson K, Xu X. Isolation of two new members of the NF-AT gene family and functional characterization of the NF-AT proteins. *Immunity* 1995-05-01 [PMID: 7749981]





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### **Products Related to NB100-1082**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-57613PEP	NFATC4 Recombinant Protein Antigen

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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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