

# Product Datasheet

## ARMC4 Antibody - BSA Free

### NBP1-84175

Unit Size: 0.1 ml

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

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



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#### Publications: 4

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Updated 12/2/2025 v.20.1

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**NBP1-84175**

ARMC4 Antibody - BSA Free

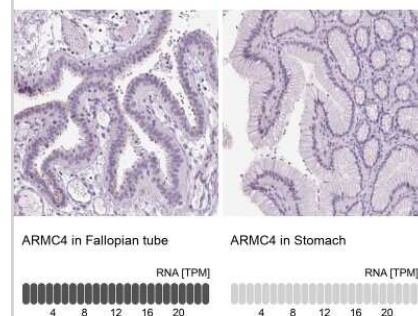
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit ARMC4 Antibody - BSA Free (NBP1-84175) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ARMC4 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55130
Gene Symbol	ARMC4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FSEDQQKEKDQLGKAPKKEEAAALRKDISGSDKRSLEKNQINFWRNQMTKRW EPSLNWKTTVNYKGKGSACEIQEDKHTGKLEKPRPSVSHG

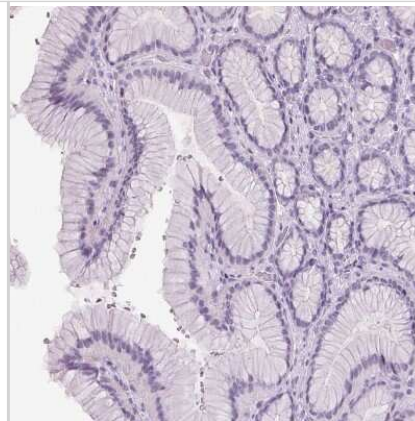
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

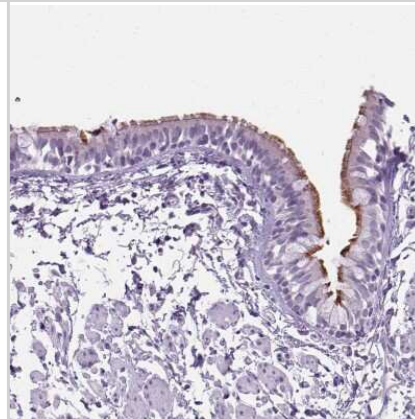
Immunohistochemistry-Paraffin: ARMC4 Antibody [NBP1-84175] - Analysis in human fallopian tube and stomach tissues. Corresponding ARMC4 RNA-seq data are presented for the same tissues.



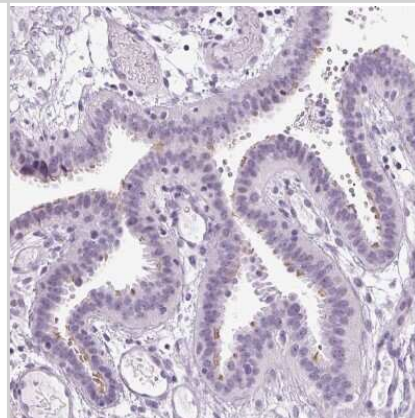
Immunohistochemistry-Paraffin: ARMC4 Antibody [NBP1-84175] - Staining of human stomach shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: ARMC4 Antibody [NBP1-84175] - Staining of human bronchus shows strong positivity in cilia of glandular cells.



Immunohistochemistry-Paraffin: ARMC4 Antibody [NBP1-84175] - Staining of human fallopian tube shows moderate positivity in cilia of glandular cells.



Immunohistochemistry-Paraffin: ARMC4 Antibody [NBP1-84175] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



**Publications**

Hjeij R, Onoufriadis A, Watson CM et al. CCDC151 Mutations Cause Primary Ciliary Dyskinesia by Disruption of the Outer Dynein Arm Docking Complex Formation. *Am J Hum Genet* 2014-09-04 [PMID: 25192045] (ICC/IF, Mouse)

Onoufriadis A, Shoemark A, Munye MM et al. Combined exome and whole-genome sequencing identifies mutations in ARMC4 as a cause of primary ciliary dyskinesia with defects in the outer dynein arm. *J Med Genet* 2014-01-01 [PMID: 24203976]

Hjeij R, Lindstrand A, Francis R et al. ARMC4 Mutations Cause Primary Ciliary Dyskinesia with Randomization of Left/Right Body Asymmetry. *Am J Hum Genet* 2013-08-08 [PMID: 23849778]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]





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### **Products Related to NBP1-84175**

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NBP1-84175PEP	ARMC4 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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