

# Product Datasheet

## NUDC Antibody - BSA Free

### NBP1-89517

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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**NBP1-89517**

NUDC Antibody - BSA Free

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

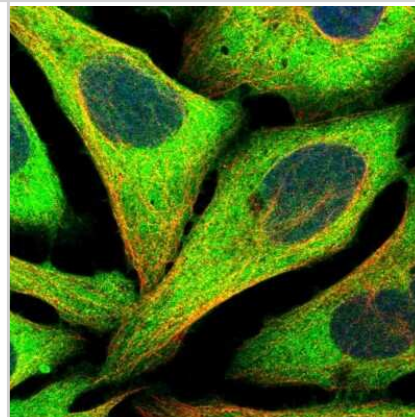
Product Description	
<b>Description</b>	Novus Biologicals Rabbit NUDC Antibody - BSA Free (NBP1-89517) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NUDC Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10726
<b>Gene Symbol</b>	NUDC
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23435261)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KELTDEEAERLQLEIDQKKDAENHEAQLKNGSLDSPGKQDTEEDEEEDEKDKG KLKPNLGNLADLPNYRWT

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

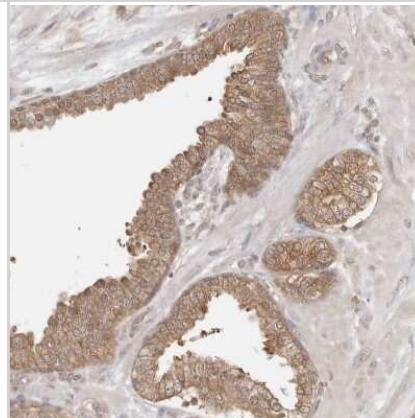


## Images

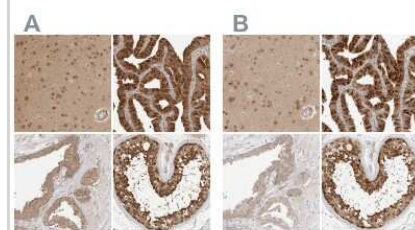
Immunocytochemistry/Immunofluorescence: NUDC Antibody [NBP1-89517] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



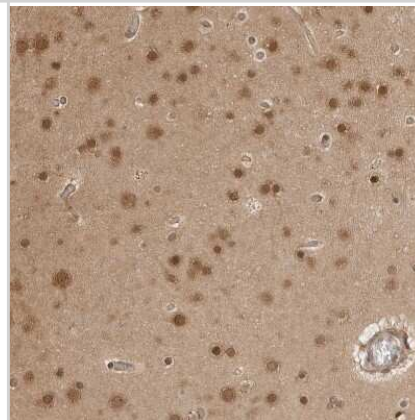
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89517] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



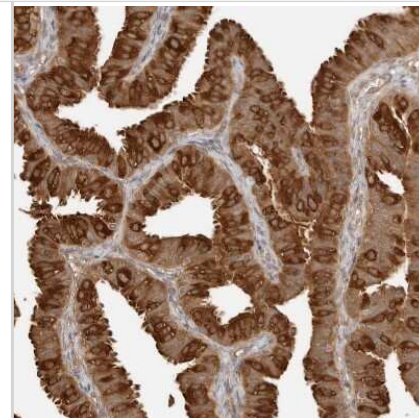
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89517] - Staining of human cerebral cortex, fallopian tube, prostate and testis using Anti-NUDC antibody NBP1-89517 (A) shows similar protein distribution across tissues to independent antibody NBP1-89510 (B).



Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89517] - Staining of human cerebral cortex shows weak to moderate cytoplasmic and nuclear positivity in neurons.



Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89517] - Staining of human Fallopian tube shows strong cytoplasmic positivity in glandular cells.



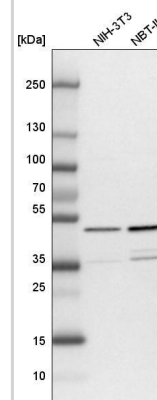
Staining of human testis shows strong cytoplasmic and nuclear positivity in cells in seminiferous ducts.



Western Blot: NUDC Antibody [NBP1-89517] - Analysis using Anti-NUDC antibody NBP1-89517 (A) shows similar pattern to independent antibody NBP1-89510 (B).



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

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 NBP1-89517**

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NBP1-89517PEP	NUDC Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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