

# Product Datasheet

## Dynamin 2 Antibody - BSA Free NBP2-47477

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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Updated 9/9/2025 v.20.1

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**NBP2-47477**

Dynammin 2 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

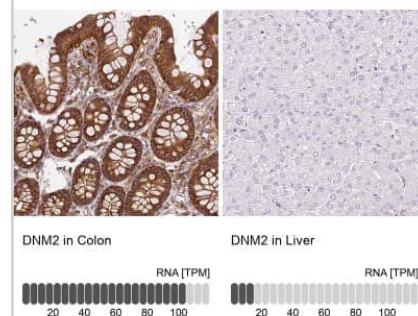
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit Dynammin 2 Antibody - BSA Free (NBP2-47477) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Dynammin 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1785
<b>Gene Symbol</b>	DNM2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: PPQIPSRPVRIPPGIPPGVPSRR

**Product Application Details**

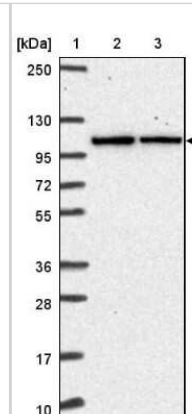
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockout Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. Knockout validation (PMID: 31390291).

**Images**

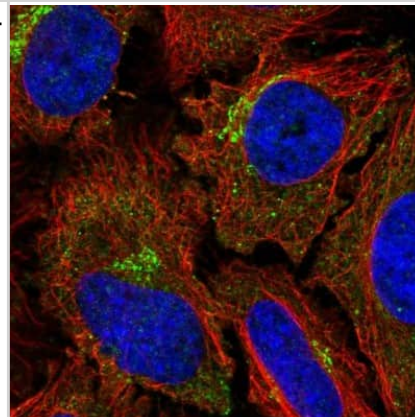
Immunohistochemistry-Paraffin: Dynammin 2 Antibody [NBP2-47477] - Analysis in human colon and liver tissues. Corresponding Dynammin 2 RNA-seq data are presented for the same tissues.



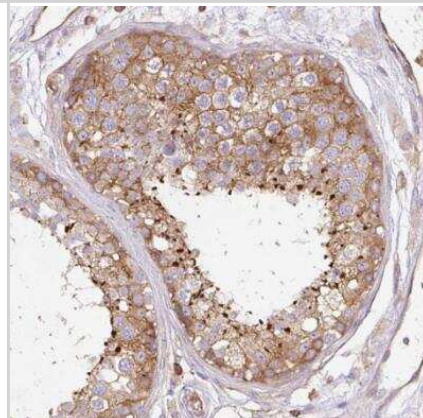
Western Blot: Dynamin 2 Antibody [NBP2-47477] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG.



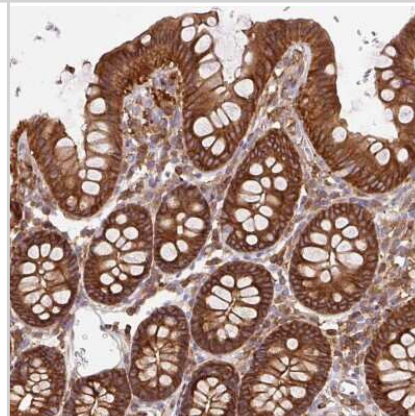
Immunocytochemistry/Immunofluorescence: Dynamin 2 Antibody [NBP2-47477] - Staining of human cell line HeLa shows localization to the Golgi apparatus. Antibody staining is shown in green.



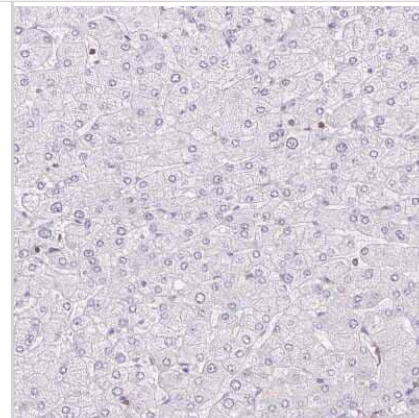
Immunohistochemistry-Paraffin: Dynamin 2 Antibody [NBP2-47477] - Staining of human testis shows weak to moderate cytoplasmic positivity in cells in seminiferous ducts.



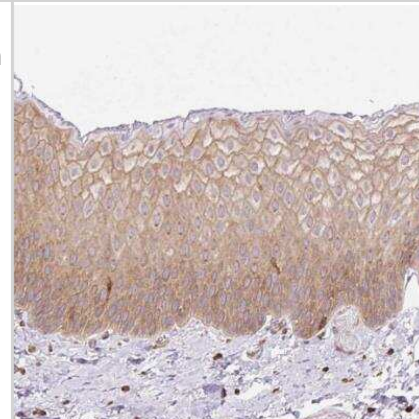
Immunohistochemistry-Paraffin: Dynamin 2 Antibody [NBP2-47477] - Staining of human colon shows high expression.



Immunohistochemistry-Paraffin: Dynamin 2 Antibody [NBP2-47477] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Dynamin 2 Antibody [NBP2-47477] - Staining of human skin shows weak to moderate cytoplasmic positivity in squamous epithelial cells.



## Publications

Postema MM, Grega-Larson NE, Meenderink LM, Tyska MJ PACSIN2-dependent apical endocytosis regulates the morphology of epithelial microvilli Mol. Biol. Cell 2019-09-01 [PMID: 31390291] (ICC/IF, KO, Human)

Postema MM Mechanisms of BAR Protein Function in Brush Border Assembly Thesis 2019-09-30 (ICC/IF)

Engevik AC, Kaji I, Postema MM et al. Loss of myosin Vb promotes apical bulk endocytosis in neonatal enterocytes J. Cell Biol. 2019-09-27 [PMID: 31562230] (WB)



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### **Products Related to NBP2-47477**

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NBP2-47477PEP	Dynamin 2 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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