

# Product Datasheet

## ARHGEF11 Antibody - BSA Free

### NBP1-83314

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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**NBP1-83314**

ARHGEF11 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**

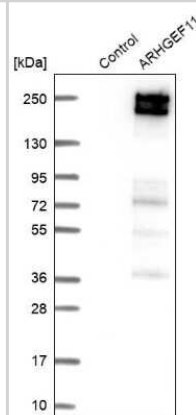
<b>Host</b>	Rabbit
<b>Gene ID</b>	9826
<b>Gene Symbol</b>	ARHGEF11
<b>Species</b>	Human, Chicken
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%). . Chicken reactivity reported in scientific literature (PMID: 25812521).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LQAEIDSRLRNSEDARGVLCEAQEAAMPEIQEQIHDIYRTKRTLGLGSLYGENDL LDLDGDPLRERQVAEKQLAALGDILSKYEEDRSAPMDFALNTYMSHAGIRLRE ARPSNTAEKAQSAPDKDKWLPFFPKTKKSSNSKKEQDA

**Product Application Details**

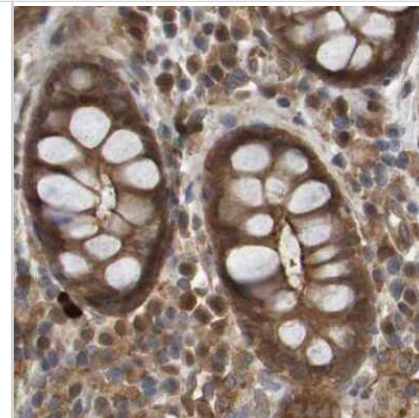
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

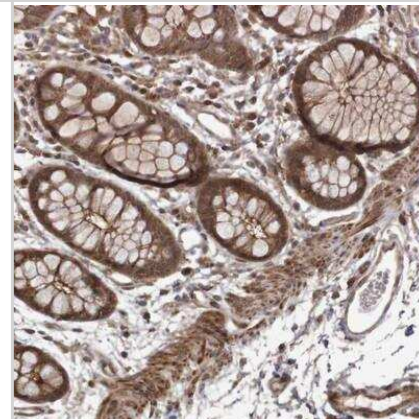
Western Blot: ARHGEF11 Antibody [NBP1-83314] - Analysis in control (vector only transfected HEK293T lysate) and ARHGEF11 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



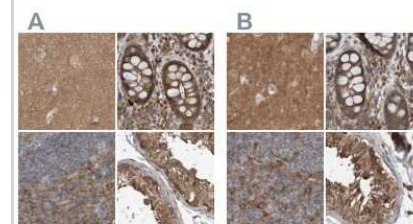
Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human colon.



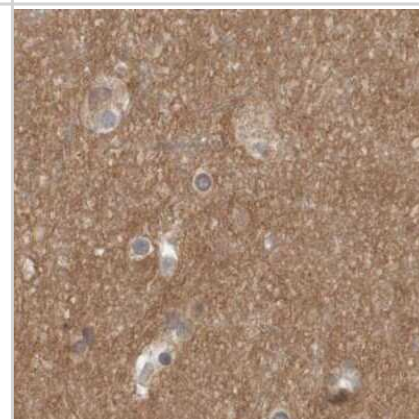
Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



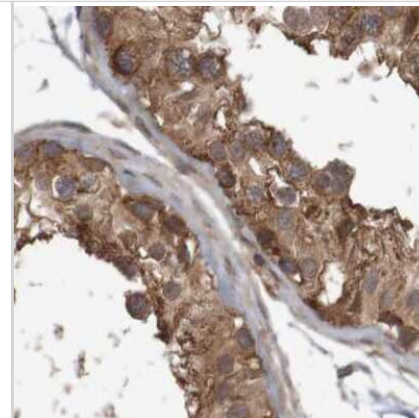
Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human cerebral cortex, colon, lymph node and testis using Anti-ARHGEF11 antibody NBP1-83314 (A) shows similar protein distribution across tissues to independent antibody NBP1-83313 (B).



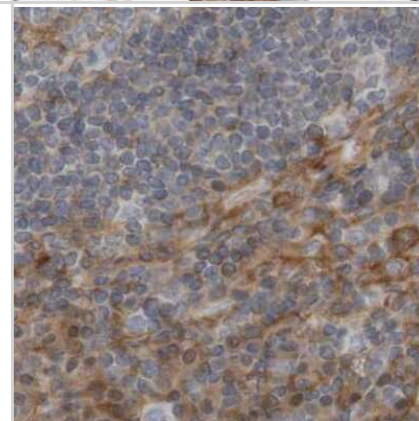
Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human testis.



Immunohistochemistry-Paraffin: ARHGEF11 Antibody [NBP1-83314] - Staining of human lymph node.



## Publications

Emil Rozbicki, Manli Chuai, Antti I. Karjalainen et al. Myosin-II-mediated cell shape changes and cell intercalation contribute to primitive streak formation. *Nature Cell Biology* 2015-01-01 [PMID: 25812521] (IF/IHC, Chicken)

Harma V, Knuuttila M, Virtanen J et al. Lysophosphatidic acid and sphingosine-1-phosphate promote morphogenesis and block invasion of prostate cancer cells in three-dimensional organotypic models. *Oncogene* 2012-04-01 [PMID: 21996742]



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### **Products Related to NBP1-83314**

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NBP1-83314PEP	ARHGEF11 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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