

# Product Datasheet

## BBS9 Antibody - BSA Free NBP1-88927

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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**NBP1-88927**

BBS9 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**

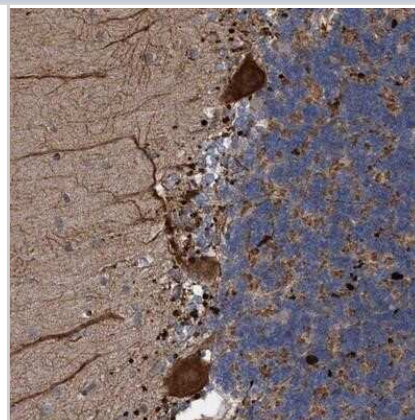
<b>Host</b>	Rabbit
<b>Gene ID</b>	27241
<b>Gene Symbol</b>	BBS9
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (85%), Mouse reactivity reported in scientific literature (PMID: 23943788).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: QEDTQELGWEETVDAAISHLLKTCLSKSSKEQALNLSQLNIPKDTSQLKKHITL LCDRLSKGGRLCLSTDAAAPQTMVMPGGCTTIPESDLEERSVEQDSTELFTNH RHLLTAETPRPEVSPLQ

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in ICC/IF, WB reported in scientific literature (PMID: 23943788).

**Images**

Immunohistochemistry-Paraffin: BBS9 Antibody [NBP1-88927] - Staining of human cerebellum shows strong cytoplasmic positivity in purkinje cells.



## Publications

Chamling X, Seo S, Searby CC et al. The Centriolar Satellite Protein AZI1 Interacts with BBS4 and Regulates Ciliary Trafficking of the BBSome. PLoS Genet 2014-02-01 [PMID: 24550735]

Zhang Y, Seo S, Bhattarai S et al. BBS mutations modify phenotypic expression of CEP290-related ciliopathies. Hum Mol Genet 2014-01-01 [PMID: 23943788] (WB, ICC/IF, Mouse)

Humbert MC, Weihbrecht K, Searby CC et al. ARL13B, PDE6D, and CEP164 form a functional network for INPP5E ciliary targeting. Proc Natl Acad Sci U S A 2012-11-27 [PMID: 23150559]





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### **Products Related to NBP1-88927**

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NBP1-88927PEP	BBS9 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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