

# Product Datasheet

## BAIAP2 Antibody - BSA Free

### NBP1-88711

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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Updated 2/21/2025 v.20.1

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**NBP1-88711**

BAIAP2 Antibody - BSA Free

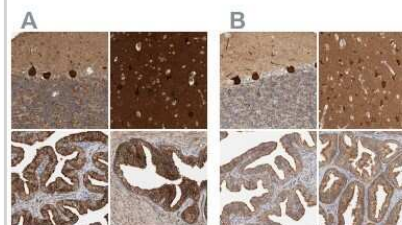
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	10458
Gene Symbol	BAIAP2
Species	Human, Mouse, Rat
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:31483294).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WFPFSYTRVLDSDGSDRLHMSLQQGKSSSTGNLLDKDDLAIPPPDYGAASRAF PAQTASGFKQRPYSVAVPAFSQGLDDYGARSMSRNP

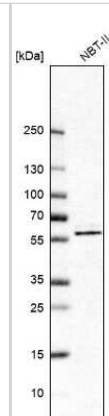
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

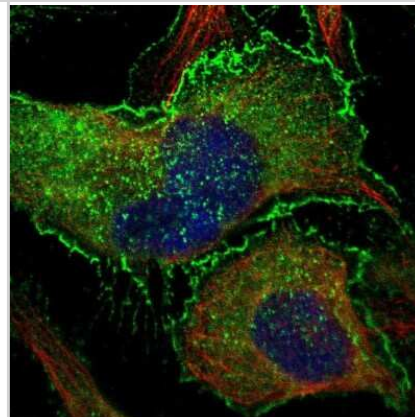
Immunohistochemistry-Paraffin: BAIAP2 Antibody [NBP1-88711] - Staining of human cerebellum, cerebral cortex, fallopian tube and prostate using Anti-BAIAP2 antibody NBP1-88711 (A) shows similar protein distribution across tissues to independent antibody (B).



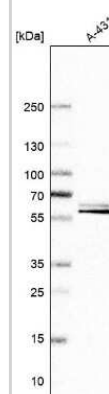
Western Blot: BAIAP2 Antibody [NBP1-88711] - Analysis in rat cell line NBT-II.



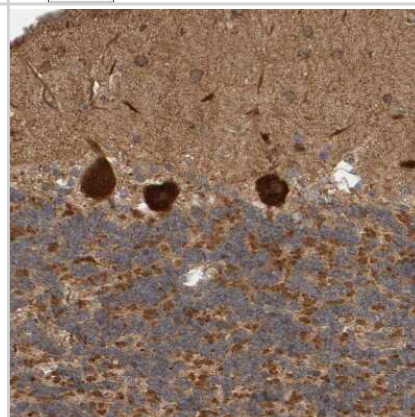
Immunocytochemistry/Immunofluorescence: BAIAP2 Antibody [NBP1-88711] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



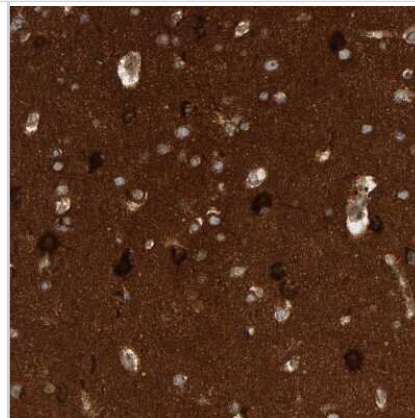
Western Blot: BAIAP2 Antibody [NBP1-88711] - Analysis in human cell line A-431.



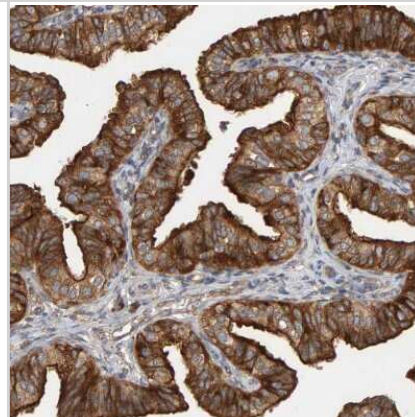
Immunohistochemistry-Paraffin: BAIAP2 Antibody [NBP1-88711] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



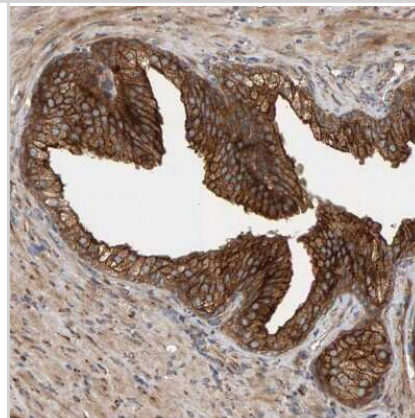
Immunohistochemistry-Paraffin: BAIAP2 Antibody [NBP1-88711] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: BAIAP2 Antibody [NBP1-88711] - Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: BAIAP2 Antibody [NBP1-88711] - Staining of human prostate shows moderate to strong cytoplasmic and membranous positivity in glandular cells.



## Publications

Kim JK, Cho J, Kim SH et al. Brain somatic mutations in MTOR reveal translational dysregulations underlying intractable focal epilepsy J. Clin. Invest. 2019-09-04 [PMID: 31483294] (IF/IHC, WB, ICC/IF, Human, Mouse)



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### **Products Related to NBP1-88711**

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NBP1-88711PEP	BAIAP2 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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