

# Product Datasheet

## AGAP2 Antibody NBP2-24498

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-24498**

AGAP2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.2 ml PBS and 0.05% BSA

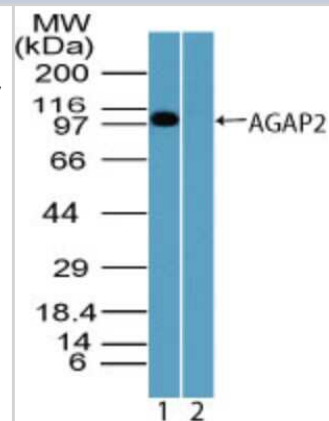
Product Description	
Host	Rabbit
Gene ID	116986
Gene Symbol	AGAP2
Species	Human, Mouse, Rat, Canine, Equine, Primate
Reactivity Notes	Opossum (86%).
Specificity/Sensitivity	100% homologous to Human (isoform CRA_a).
Immunogen	A portion of amino acids 450-500 of human AGAP2 was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID 34411567), Immunohistochemistry-Paraffin 5 ug/ml, Knockdown Validated reported in scientific literature (PMID 34411567)

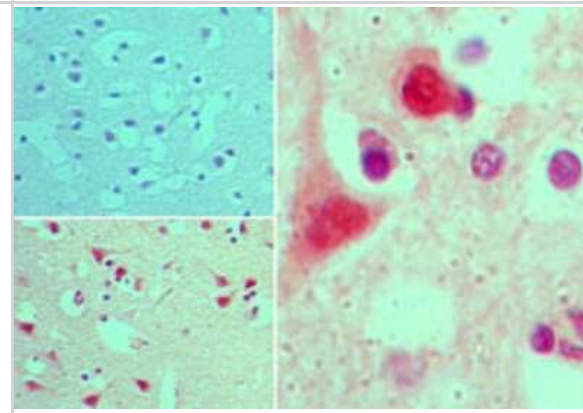


## Images

Western Blot: AGAP2 Antibody [NBP2-24498] - Analysis of AGAP2 in Jurkat cell lysate in the 1) absence and 2) presence of immunizing peptide using this antibody. I goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: AGAP2 Antibody [NBP2-24498] - Analysis human brain tissue using an isotype control (top left) and this antibody (bottom left, right) at 5 ug/ml.



## Publications

Blumrich EM, Nicholson-Fish JC, Pronot M et al. Phosphatidylinositol 4-kinase II $\beta$  is a glycogen synthase kinase 3-regulated interaction hub for activity-dependent bulk endocytosis *Cell reports* 2023-06-13 [PMID: 37314927] (WB, Mouse)

Sun M, Sheng H, Wu T Et al. PIKE-A promotes glioblastoma growth by driving PPP flux through increasing G6PD expression mediated by phosphorylation of STAT3 *Biochemical pharmacology* 2021-08-16 [PMID: 34411567] (WB, ICC/IF, KD, Human)



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### **Products Related to NBP2-24498**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00116986-P01-10ug	Recombinant Human AGAP2 GST (N-Term) Protein

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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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