

bs-3667R**[Primary Antibody]****SLC44A1 Rabbit pAb****BioSS**
ANTIBODIES

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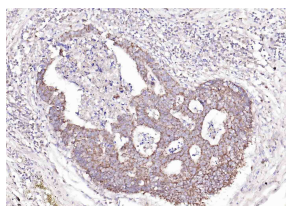
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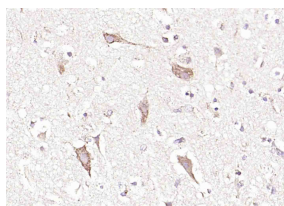
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 23446	SWISS: Q8WWI5	
Target: SLC44A1		Reactivity: Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human SLC44A1/CD92: 81-180/657.		
Purification: affinity purified by Protein A		Predicted MW.: 73 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: SLC44A1 (Solute carrier family 44, member 1) is an intermediate-affinity, Na ⁺ -independent choline transporter. It is thought to be important for the production of the membrane lipid phosphatidylcholine. Hence, it may have a role in membrane synthesis and myelin production.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SLC44A1 Polyclonal Antibody, Unconjugated (bs-3667R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SLC44A1 Polyclonal Antibody, Unconjugated (bs-3667R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=3.7]** E.C. Francis. et al. Maternal plasma choline levels are positively correlated with maternal and placental phospholipid-DHA content in females with obesity who receive DHA supplementation. J NUTR. 2024 Dec;; WB ;Human. 39742970
- **[IF=3.7]** Ellen C Francis. et al. Maternal Plasma Choline Levels Are Positively Correlated with Maternal and Placental Phospholipid-DHA Content in Females with Obesity Who Receive DHA Supplementation..JOURNAL OF NUTRITION.2025 Mar;155(3):880-889. IF ;Human. 39742970
- **[IF=2.71]** Baumgartner, Heidi K., et al. "Characterization of Choline Transporters in the Human Placenta over Gestation." Placenta (2015). WB ;Human. 26601765