

Product Datasheet

SLC19A3 Antibody - BSA Free NBP1-69703

Unit Size: 100 ul

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

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NBP1-69703

SLC19A3 Antibody - BSA Free

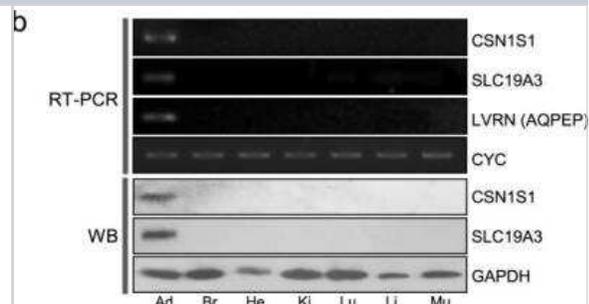
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	56 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	80704
Gene Symbol	SLC19A3
Species	Human
Immunogen	Synthetic peptides corresponding to SLC19A3(solute carrier family 19, member 3) The peptide sequence was selected from the middle region of SLC19A3 (NP_079519). Peptide sequence FATAGFNQVLNYVQILWDYKAPSQDSSIYNGAVEAIATFGGAVAAFAVGY. The peptide sequence for this immunogen was taken from within the described region.

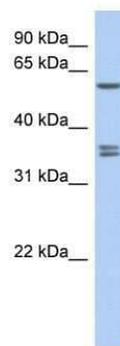
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

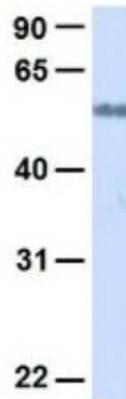
Western Blot: SLC19A3 Antibody [NBP1-69703] - Expression of adipose-specific genes and adipose-enhanced genes. Semi-quantitative RT-PCR and/or Western blot analysis (WB) of CSN1S1, SLC19A3, and LVRN (AQPEP) in selected tissues: subcutaneous adipose tissue (Ad), brain (Br), heart (He), kidney (Ki), lung (Lu), liver (Li), and skeletal muscle (Mu). Target sizes for RT-PCR: 213 bp (CSN1S1), 170 bp (SLC19A3) and 193 bp (LVRN (AQPEP)). Expected sizes for full-length proteins were 21.7 kDa and 55.7 kDa for CSN1S1 and SLC19A3, respectively. Cyclophilin (CYC) (325 bp) and GAPDH (38 kDa) were used as a reference gene and protein, respectively. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-019-39582-8>) licensed under a CC-BY license.



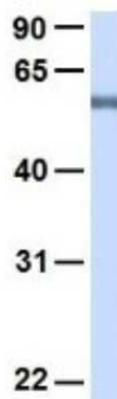
Western Blot: SLC19A3 Antibody [NBP1-69703] - This Anti-SLC19A3 antibody was used in Western Blot of DU145 tissue lysate at a concentration of 1ug/ml.



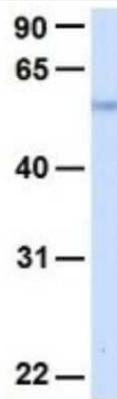
Western Blot: SLC19A3 Antibody [NBP1-69703] - Human Adult Placenta, Antibody Dilution: 1.0 ug/ml.



Western Blot: SLC19A3 Antibody [NBP1-69703] - Human Fetal Heart, Antibody Dilution: 1.0 ug/ml.

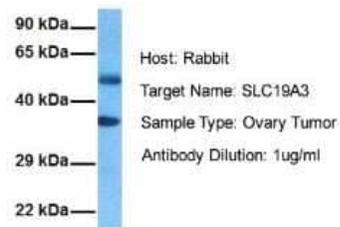


Western Blot: SLC19A3 Antibody [NBP1-69703] - Human Fetal Liver, Antibody Dilution: 1.0 ug/ml.



Western Blot: SLC19A3 Antibody [NBP1-69703] - Sample Tissue:
Human Ovary Tumor Antibody Dilution: 1.0 ug/ml

SLC19A3



Publications

Ahn J, Wu H, Lee K. Integrative Analysis Revealing Human Adipose-Specific Genes and Consolidating Obesity Loci. *Sci Rep* 2019-02-28 [PMID: 30816281] (WB, Human)

Schanzer A, Doring B, Ondruschek M et al. Stress Induced Up-Regulation of Slc19a3 is Impaired in Biotin-Thiamine-Responsive Basal Ganglia Disease. *Brain Pathol* 2013-12-23 [PMID: 24372704] (WB, Human)



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Products Related to NBP1-69703

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
366-6C-025	CCL21/6Ckine [Unconjugated]

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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