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anti-SLC28A3 antibody (5th Extracellular Loop)

Overview



Images

Quantity:	0.2 mL
Target:	SLC28A3
Binding Specificity:	5th Extracellular Loop, AA 432-447
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC28A3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Product Details Immunogen:	Immunogen: Synthetic peptide
	Immunogen: Synthetic peptide Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid
	Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid
Immunogen:	Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid residues 432 - 447 of rat SLC28A3/CNT3
Immunogen: Isotype:	Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid residues 432 - 447 of rat SLC28A3/CNT3
Immunogen: Isotype:	Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid residues 432 - 447 of rat SLC28A3/CNT3 IgG Anti-SLC28A3/CNT3 (extracellular) Antibody (ABIN7043709, ABIN7044807 and ABIN7044808))
Immunogen: Isotype:	Immunogen Sequence: Peptide (C)KITLKNAMKMENGDSR, corresponding to amino acid residues 432 - 447 of rat SLC28A3/CNT3 IgG Anti-SLC28A3/CNT3 (extracellular) Antibody (ABIN7043709, ABIN7044807 and ABIN7044808)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be

Target Details

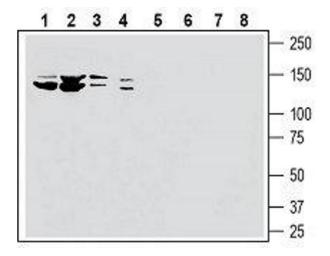
Target:	SLC28A3
Alternative Name:	SLC28A3/CNT3 (SLC28A3 Products)
Background:	Alternative names: Solute Carrier Family 28 Member 3, Concentrative Na+-Nucleoside Cotransporter 3, CNT3
Gene ID:	140944
NCBI Accession:	NM_022127
UniProt:	Q8VIH3

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

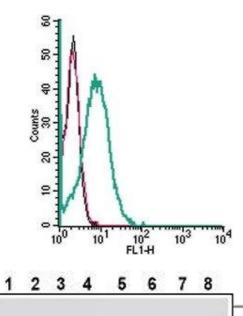
Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



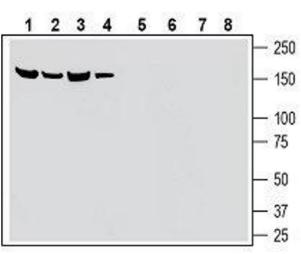
Western Blotting

Image 1. Western blot analysis of human HL-60 myelocytic leukemia cell line lysate (lanes 1 and 5), human K562 chronic myelogenous leukemia cell line lysate (lanes 2 and 6), human MCF-7 breast adenocarcinoma cell line lysate (lanes 3 and 7) and human PANC-1 pancreatic carcinoma cell line lysate (lanes 4 and 8): - 1-4. Anti-SLC28A3/CNT3 (extracellular) Antibody (ABIN7043709, ABIN7044807 and ABIN7044808), (1:500). 5-8. Anti-SLC28A3/CNT3 (extracellular) Antibody, preincubated with SLC28A3/CNT3 (extracellular) Blocking Peptide (#BLP-NT063) (#BLP-NT063).



Flow Cytometry

Image 2. Cell surface detection of SLC28A3/CNT3 in live intact human HL-60 promyelocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-SLC28A3/CNT3 (extracellular) Antibody (ABIN7043709, ABIN7044807 and ABIN7044808), (5 μg) + goat-anti-rabbit-FITC.



Western Blotting

Image 3. Western blot analysis of mouse kidney membranes (lanes 1 and 5), rat pancreas lysates (lanes 2 and 6), mouse brain membranes (lanes 3 and 7) and rat brain lysate (lanes 4 and 8): - 1-4. Anti-SLC28A3/CNT3 (extracellular) Antibody (ABIN7043709, ABIN7044807 and ABIN7044808), (1:400). 5-8. Anti-SLC28A3/CNT3 (extracellular) Antibody, preincubated with SLC28A3/CNT3 (extracellular) Blocking Peptide (#BLP-NT063) (#BLP-NT063).