

Product Data Sheet

SBAT1 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP2701	Synthetic	H, M, R, Mk	BL
Description	The peptide is used to block Anti-SBAT1 Antibody (#CPA2701) reactivity.		
Form	Lyophilized powder		
Gene Symbol	SLC6A15		
Alternative Names	B0AT2; NTT73; SBAT1; Sodium-dependent neutral amino acid transporter B(0)AT2; Sodium- and chloride-dependent neurotransmitter transporter NTT73; Sodium-coupled branched-chain amino-acid transporter 1; Solute carrier family 6 member 15; Transporter v7-3		
Entrez Gene	55117 (Human); 103098 (Mouse); 282712 (Rat)		
SwissProt	Q9H2J7 (Human); Q8BG16 (Mouse); Q08469 (Rat)		
Purity	>85%		
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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