

Product Data Sheet

BGT-1 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3530	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-BGT-1 Antibody (#CPA3530) reactivity.		
Form	Lyophilized powder		
Gene Symbol	SLC6A12		
Alternative Names	Sodium- and chloride-dependent betaine transporter; BGT-1; Na(+)/Cl(-) betaine/GABA transporter; Solute carrier family 6 member 12		
Entrez Gene	6539 (Human); 50676 (Rat)		
SwissProt	P48065 (Human); P31651 (Mouse); P48056 (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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