

Product Data Sheet

Kv7.1 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP1652	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-Kv7.1 Antibody (#CPA1652) reactivity.		
Form	Lyophilized powder		
Gene Symbol	KCNQ1		
Alternative Names	KCNA8; KCNA9; KVLQT1; Potassium voltage-gated channel subfamily KQT member 1; IKs producing slow voltage-gated potassium channel subunit alpha KvLQT1; KQT-like 1; Voltage-gated potassium channel subunit Kv7.1		
Entrez Gene	3784 (Human); 16535 (Mouse); 84020 (Rat)		
SwissProt	P51787 (Human); P97414 (Mouse); Q9Z0N7 (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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