

Product Data Sheet

Histone H3 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP4672	Synthetic	H, M, R, B, C, Z	BL
Description	The peptide is used to block Anti-Histone H3 Antibody (#CPA4672) reactivity.		
Form	Lyophilized powder		
Gene Symbol	HIST1H3A		
Alternative Names	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/		
Entrez Gene	8350; 8351; 8352; 8353; 8354; 8355; 8356; 8357; 8358; 8968 (Human); 319152; 15077; 15078 (Mouse); 291159; 100361558 (Rat)		
SwissProt	P68431; Q71DI3; P84243 (Human); P68433; P84228; P84244 (Mouse); Q6LED0; P84245 (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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