

Product Data Sheet

Histone H4 Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP3471	Synthetic	H, M, R, B, C, P	BL
Description	The peptide is used to block Anti-Histone H4 Antibody (#CPA3471) reactivity.		
Form	Lyophilized powder		
Gene Symbol	HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4		
Alternative Names	H4/A; H4FA; H4/I; H4FI; H4/G; H4FG; H4/B; H4FB; H4/J; H4FJ; H4/C; H4FC; H4/H; H4FH; H4/M; H4FM; H4/E; H4FE; H4/D; H4FD; H4/K; H4FK; H4/N; H4F2; H4FN; HIST2H4; H4/O; H4FO; Histone H4		
Entrez Gene	121504; 554313; 8294; 8359; 8360; 8361; 8362; 8363; 8364; 8365; 8366; 8367; 8368; 8370 (Human); 100041230; 102641229; 319155; 319156; 319157; 319158; 319159; 319160; 319161; 320332; 326619; 326620; 69386; 97122 (Mouse); 100360950; 100912290; 100912418; 10		
SwissProt	P62805 (Human); P62806 (Mouse); P62804 (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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com