



Anti-Histone H4 monoclonal antibody, clone 2B8 (CABT-53850RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises histone H4 when it is dimethylated at K20. It does not bind to non-methylated H4. K20 is the only site on histone H4 methylated in vivo. This antibody has been reported for use in chromatin immunoprecipitation assay.
Specificity	HISTONE H4 DIMETHYL K20
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	2B8
Conjugate	Unconjugated
Applications	IP; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	HIST2H4B histone cluster 2, H4b [Homo sapiens (human)]
Official Symbol	HIST2H4B
Synonyms	HIST2H4B; histone cluster 2, H4b; H4/o; histone H4; histone 2, H4b; HISTONE H4 DIMETHYL K20;
Entrez Gene ID	554313
Protein Refseq	NP_001029249.1
UniProt ID	P62805
Chromosome Location	1q21
Pathway	Alcoholism; Amyloids; Cell Cycle; Cell Cycle, Mitotic; Cellular Senescence; Cellular responses to stress; Chromatin modifying enzymes;
Function	DNA binding; histone binding; histone demethylase activity (H4-K20 specific); poly(A) RNA binding; protein binding; protein heterodimerization activity;