

Mouse Anti-Histone H3

Catalogue no: 700000

Applications: ChIP, WB, IP

Concentration: 1mg/ml

Size: 100ul

Specificity: Mouse, Human, Yeast

Source: Mouse

Type: Monoclonal

Purification: Protein G (affinity purified)

Storage: -20°C (Avoid multiple free/thaw cycles as this may denature the antibody)



Background:

Histone 3 (H3) one of the core histone proteins, comprising the protein component of chromatin. H3 is ubiquitous within chromosomes and can be found bound to most gene sequences throughout the genome. It therefore serves as an abundant antibody target for ChIP.

Immunogen:

Recognises the C-terminal peptide of human histone H3.

Buffer:

Purified antibody (from supernatant) containing PBS + 0.1% sodium azide.

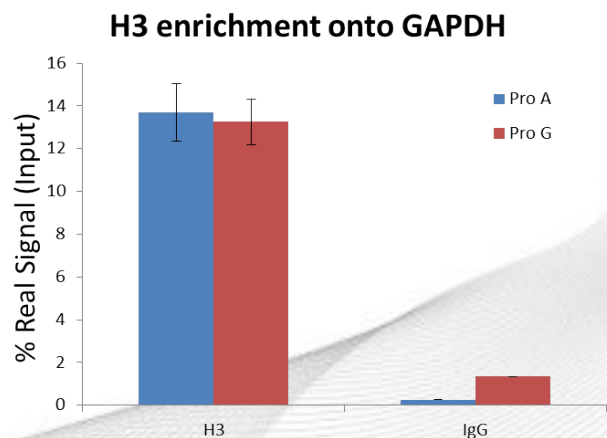
Applications:

Application	Suggested Dilution	Figure
Chromatin Immunoprecipitation	2ug: 1ug (antibody: chromatin)	1

Please note: Optimal antibody dilutions should be determined by the user. These volumes are stated as guidelines only.

Fig 1. H3 ChIP qPCR

Chromatin immunoprecipitation (ChIP) assays were performed using the Chromatrap® standard ChIP spin column sonication kit for qPCR (Cat no. 500071) with 1ug of chromatin from Hec50 cells and 2ug of Anti-H3 antibody. qPCR was used to analyse the enrichment of H3 onto the positive gene target locus.



Advancements in Epigenetics

*This product is for research use only. There is a possibility that results may vary between antibody lots.