

Histone H3K36me3 Polyclonal Antibody

Catalog No: #HW010

Package Size: #HW010-1 50ul #HW010-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

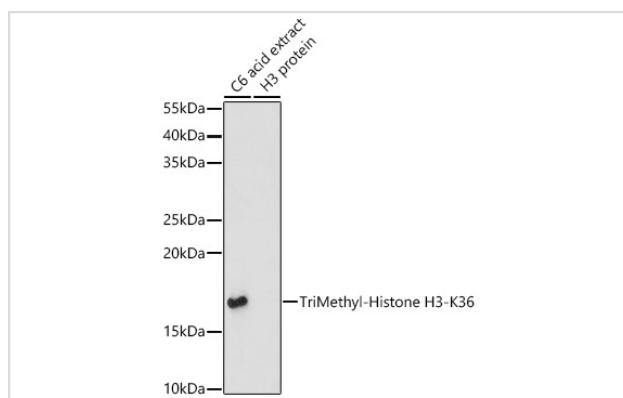
Description

| | |
|-----------------------|--|
| Product Name | Histone H3K36me3 Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IHC,IF |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Type | Peptide |
| Immunogen Description | A synthetic methylated peptide of human histone H3 |
| Target Name | Histone H3 |
| Modification | Methyl |
| Other Names | H3.4;H3/g;H3FT;H3t;HIST3H3;Histone H3;HIST1H3A |
| Accession No. | Uniprot:Q16695GeneID:8290 |
| Uniprot | Q16695 |
| GeneID | 8290 |
| SDS-PAGE MW | 17KDa |
| Concentration | 1.0mg/ml |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

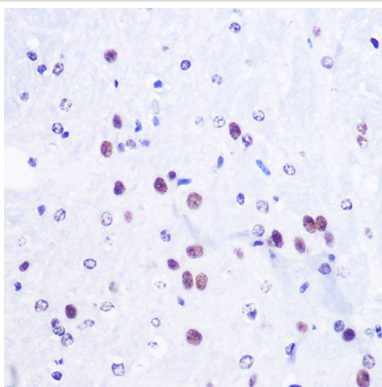
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

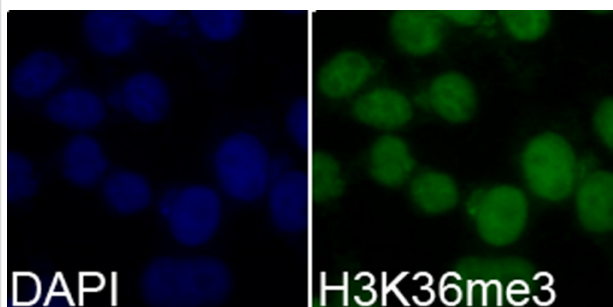
Images



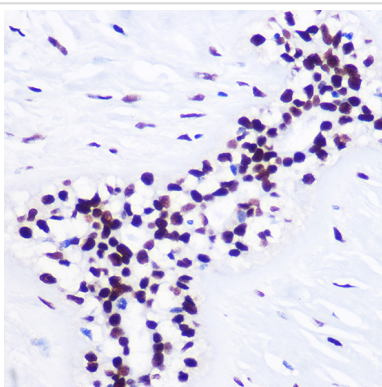
Western blot analysis of extracts of various cell lines, using TriMethyl-Histone H3-K36 antibody.



Immunohistochemistry of paraffin-embedded Mouse brain using TriMethyl-Histone H3-K36 Rabbit pAb.



Immunofluorescence analysis of 293T cells using TriMethyl-Histone H3-K36 antibody.



Immunohistochemistry of paraffin-embedded Human breast cancer using TriMethyl-Histone H3-K36 Rabbit pAb.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Note: This product is for in vitro research use only