

## Product Datasheet

### Histone H3/HIST3H3 (3G1) Monoclonal Antibody GRP626

#### Description

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. [provided by RefSeq, Aug 2015]

#### Species/Host

Mouse

#### Reactivity

Human, Rat

#### Conjugation

Unconjugated

#### Tested Applications

IHC-P, WB

#### Immunogen

Recombinant human HIST3H3 Protein (public\_immunogen\_range 1-50/136)

#### Form/Appearance

Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.

#### Concentration

1ug/ul

#### Storage

Store at -20°C for 12 months.

#### Note

For research use only.

#### Isotype

IgG

#### Clonality

Monoclonal

#### Purity

Purified by Protein G.

#### Clone ID

3G1

#### Uniprot ID

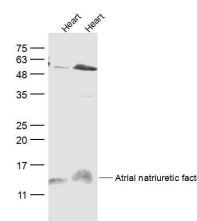
**Q16695**

#### Entrez

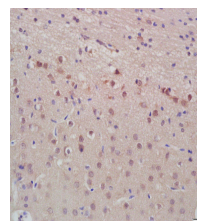
**8290**

#### Dilution Range

WB: 1:300-1000, IHC-P: 1:200-400



WB of GRP626



IHC-P of GRP626