

Histone H3.3 (K27) polyclonal antibody

Catalog: BS1752

Host: Rabbit

Reactivity: Human, Mouse, Rat

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. Histone variants differ in amino acid sequence from their core histone counterparts and in some cases have also been shown to have functional differences to the more typical histones.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 16 kDa

Swiss-Prot:

P84243

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

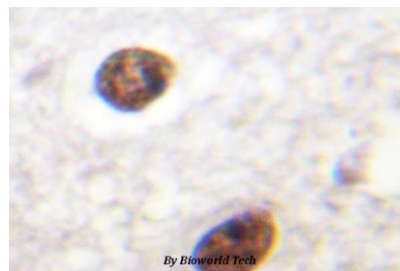
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Histone H3.3 (K27) polyclonal antibody detects endogenous levels of Histone H3.3 protein.

DATA:



Immunohistochemistry (IHC) analyzes of Histone H3.3 (K27) pAb in paraffin-embedded human brain tissue.

Note:

For research use only, not for use in diagnostic procedure.

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