

Histone H1oo (P18) polyclonal antibody

Catalog: BS1656

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Eukaryotic Histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fibers. Two molecules of each of the four core Histones (Histone H2A, H2B, H3, and H4) form the octamer, which consists of two H2A-H2B dimers and two H3-H4 dimers that are nearly symmetrical by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. H1FOO (H1 histone family, member O, oocyte-specific), also known as OSH1, is a 346 amino acid oocyte-specific Histone that localizes to both the nucleus and the cytoplasm. Expressed as multiple alternatively spliced isoforms, H1FOO is thought to play an important role in gene control during oogenesis and early embryogenesis and is crucial for meiotic maturation of germinal vesicle-stage oocytes.

Product:

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

Molecular Weight:

~ 35 kDa

Swiss-Prot:

Q8IZA3

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:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

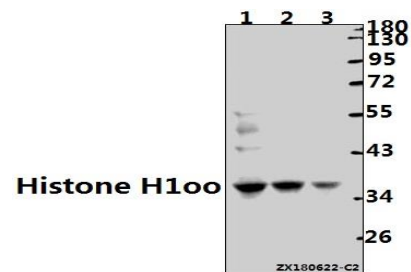
Storage&Stability:

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

Specificity:

Histone H1oo (P18) polyclonal antibody detects endogenous levels of Histone H1oo protein

DATA:

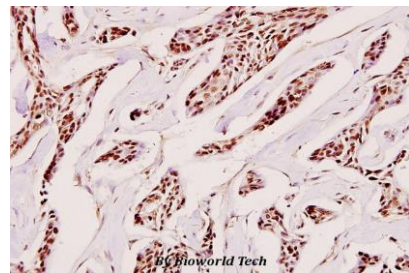


Western blot (WB) analysis of Histone H1oo (P18) pAb at 1:500 dilution

Lane1:A2780 whole cell lysate(40ug)

Lane2:The Ovary tissue lysate of Rat(40ug)

Lane3:The Testis tissue lysate of Mouse(40ug)



Immunohistochemistry (IHC) analyzes of Histone H1oo (P18) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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