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## Histone H3-like (*B. juncea*) Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250691

**Unit:** 0.1 mg

### Description:

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Featuring a main globular domain and a long N-terminal tail, H3 is involved with the structure of the nucleosomes of the 'beads on a string' structure. Histone proteins are highly post-translationally modified however Histone H3 is the most extensively modified of the five histones. The term "Histone H3" alone is purposely ambiguous in that it does not distinguish between sequence variants or modification state. Histone H3 is an important protein in the emerging field of epigenetics, where its sequence variants and variable modification states are thought to play a role in the dynamic and long term regulation of genes.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** PI

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** histone H3-like protein; Histone H3-like; Centromeric histone H3-like protein

**Accession No.:** BAF49728

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of *Brassica juncea* (mustard plant) H3.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.