

Histone H2A.X polyclonal antibody

Catalog: BS90639

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Histone H2A.X is a member of the Histone H2A family, which is involved in nucleosomal organization of chromatin. The H2AFX gene is located in close proximity to the Porphobilinogen deaminase (PBG-D) gene in both mouse and human, and maps to chromosome 9 and 11q23, respectively. H2A.X meets from the other members of the H2A family by the presence of a highly conserved C-terminal motif. It is wide phosphorylated in response to ionizing radiation and plays an important role in the recognition and repair of DNA fragments are involved in the heavy chain constant region of cells involved in class switch recombination (CSR), a region-specific DNA reaction that replaces one immunoglobulin heavy chain constant region gene with another. The phosphorylated γ -H2A.X is also thought to firing new grades factors, including Rad50, Rad51 and BRCA1.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Swiss-Prot:

P16104(Human) P27661(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1: 500-1: 2000

IF:1:50-1:200

IHC:1:100-1:500

IP:1:10-1:50

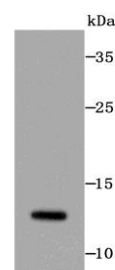
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

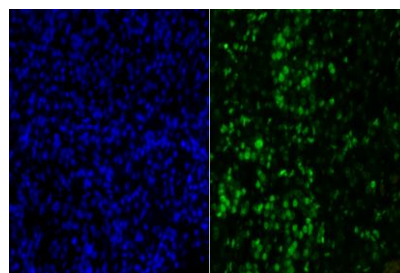
Specificity:

Histone H2A.X polyclonal antibody detects endogenous levels of Histone H2A.X protein.

DATA:



Western blot analysis of Actin on MCF-7 cell lysates using anti-Histone H2A.X antibody at 1/1,000 dilution.



IF analysis of paraffin-embedded human pancreas tissue using anti-Histone H2A.X antibody (green). The nuclear counter stain is DAPI (blue).

Note:

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

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