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Histone H2A.J Polyclonal Antibody

(Catalog # A53292)

Background
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Description
Histone H2A.J Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Preservative: 0.1mol/L NaCl, 15mmol/L NaN3, PH7.2.

Specificity
Human, Mouse

Isotype
IgG

Uniprot ID
Q9BTM1

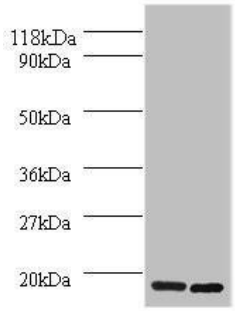
Purification
Protein G purified

Immunogen
Recombinant Human Histone H2A.J protein (2-129AA)

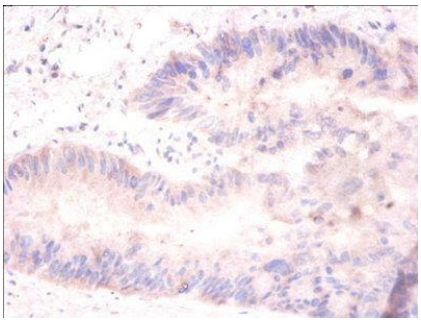
Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
H2AFJ

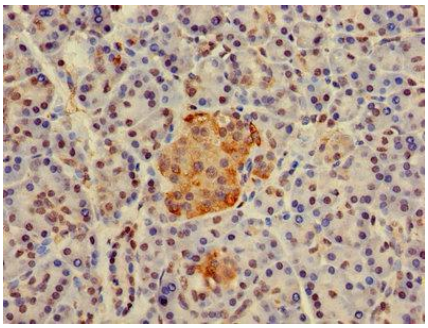
Application
ELISA, WB, IHC; Recommended dilution: WB: 1:1000-1:5000, IHC:1:20-1:200



Western blot All lanes: H2AFJ antibody at 2ug/ml Lane 1: Mouse brain tissue Lane 2: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 15, 17 kDa Observed band size: 15 kDa



Immunohistochemistry of paraffin-embedded human colon cancer using H2AFJ Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded human pancreatic tissue using H2AFJ Antibody at dilution of 1:100