

#ZW021183



## Histone H2AX Antibody For Plant Order

021-34695924

orders@ab-mart.com

### Support

400-6123-828

support1@ab-mart.com

### Web

www.abmart.cn

- 50ul
- 100 uL

### Description:

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. 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. Required for checkpoint-mediated arrest of cell cycle progression in response to low doses of ionizing radiation and for efficient repair of DNA double strand breaks (DSBs) specifically when modified by C-terminal phosphorylation (By similarity).

**Uniprot:** A0A1S4AS66

### Alternative Names:

H2A histone family member X; H2A.FX; H2A.X; H2a/x; H2AFX; H2AX; H2AX histone; Hist5.2ax; Histone 2A; Histone 2AX; Histone H2A.X; Histone H2AX;

**Specificity:** H2A.X Antibody detects endogenous levels of total H2A.X.

**Reactivity:** Nicotiana tabacum

**Predicted reactivity:** Solanum tuberosum; Capsicum annuum; Arabidopsis thaliana; Oryza sativa; Malus domestica; Prunus persica; Rosa chinensis; Gossypium

**Source:** Mouse

**Mol.Wt.:** 15kDa(Calculated).

**Storage Condition:** Store at -20 °C. Stable for 12 months from date of receipt.

**Application:** WB 1:1000-1:2000; IHC/IF 1:50-1:500



Western blot analysis of H2AX using Nicotiana tabacum leaf lysates

## 其他推荐产品

- #M20001 His-Tag (2A8) Mouse mAb
- #M20002 Myc-Tag (19C2) Mouse mAb
- #M20003 HA-Tag (26D11) Mouse mAb
- #M20004 GFP-Tag (7G9) Mouse mAb
- #M20007 GST-Tag (12G8) Mouse mAb
- #M20008 DYDDDDDK-Tag (3B9) Mouse mAb (Binds to same epitope as Sigma' s Anti-FLAG M2 Antibody)
- #M20012 Anti-Myc-Tag Mouse mAb (Agarose Conjugated)
- #M20013 Anti-HA-Tag Mouse mAb (Agarose Conjugated)
- #M20018 Anti-DYKDDDDK-Tag Mouse Antibody (Agarose Conjugated) (Same as Sigma' s Anti-FLAG M2)
- #M20118 Anti-DYKDDDDK-Tag Mouse Antibody (Magnetic Beads) (Same as Sigma' s Anti-FLAG M2)