

Histone H2A.X Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09934
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H2A.X
Mol wt	N/A
Species reactivity	Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	N/A
Full name	Histone H2AX
Synonyms	Histone H2AX; H2AFX; H2AX; Histone H2A.x; H2a/x

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

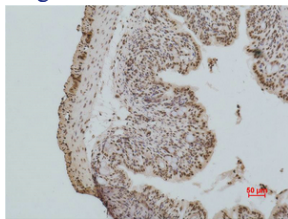
Recommended Dilution

WB: 1: 1000 - 1: 2000

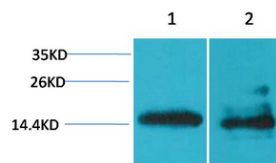
IHC: 1: 200 - 500

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using Histone H2A.X Polyclonal Antibody.



Western blot analysis of 1) 3T3, 2) Rat Brain Tissue using Histone H2A.X Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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