

Histone H2A.X (Phospho Thr120) rabbit pAb

Cat No.:ES20579

For research use only

Overview

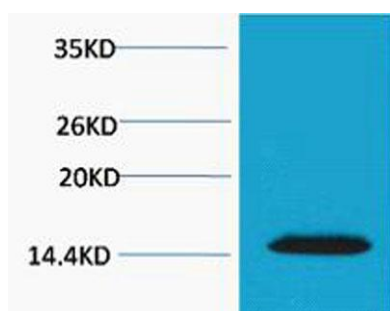
| | |
|--------------------------|--|
| Product Name | Histone H2A.X (Phospho Thr120) rabbit pAb |
| Host species | Rabbit |
| Applications | WB |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | WB: 1:1000-2000 |
| Immunogen | Synthetic Peptide of Histone H2A.X (Phospho Thr120) |
| Specificity | The antibody detects endogenous Histone H2A.X (Phospho Thr120) protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Histone H2A.x |
| Gene Name | H2AFX |
| Cellular localization | Nucleus . Chromosome . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | |
| Observed band | 15kD |
| Human Gene ID | 3014 |
| Human Swiss-Prot Number | P16104 |
| Alternative Names | H2AFX; H2AX; Histone H2A.x; H2a/x |
| 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 |





ELK Biotechnology

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. [provided by RefSeq, Oct 2015],



Western blot analysis of extracts from HeLa cells, 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C