Datasheet for ABIN7599943

anti-HJURP antibody (AA 13-574)

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Overview

Quantity:	100 µg
Target:	HJURP
Binding Specificity:	AA 13-574
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HJURP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hjurp Antibody Picoband®
Immunogen:	E.coli-derived mouse Hjurp recombinant protein (Position: Q13-T574).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Hjurp Antibody Picoband® (ABIN7599943). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	HJURP
Alternative Name:	Hjurp (HJURP Products)
Background:	Synonyms: AF4/FMR2 family member 4,ALL1-fused gene from chromosome 5q31 protein,Protein AF-5q31,Major CDK9 elongation factor-associated protein,AFF4,AF5Q31, MCEF,HSPC092, Tissue Specificity: Ubiquitously expressed. Strongly expressed in heart, placenta, skeletal muscle, pancreas and to a lower extent in brain. . Background: Holliday junction recognition protein is a protein in humans that is encoded by the HJURP gene. HJURP (holliday junction recognition protein) is a protein coding gene. Diseases associated with HJURP include fibrillary astrocytoma. Among its related pathways are DNA damage and chromosome maintenance. Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. Prevents CENPA-H4 tetramerization and prevents premature DNA binding by the CENPA-H4 tetramer. ly binds holliday junctions.
Molecular Weight:	84 kDa
Gene ID:	381280

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Mouse ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 3/16/2009. 2. Kato, T., Sato, N., Hayama, S., Yamabuki, T., Ito, T., Miyamoto, M., Kondo, S., Nakamura, Y., Daigo, Y. Activation of Holliday junction-recognizing protein involved in the chromosomal stability and immortality of cancer cells. Cancer Res. 67: 8544-8553, 2007. 3. Nardi, I. K., Zasadzinska, E., Stellfox, M. E., Knippler, C. M., Foltz, D. R. Licensing of centromeric chromatin assembly through the Mis18-alpha-Mis18-beta heterotetramer. Molec. Cell 61: 774-787, 2016.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.