

HJURP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10059
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Holliday junction recognition protein
Synonyms	Holliday junction recognition protein ;14-3-3-associated AKT substrate;Fetal liver-expressing gene 1 protein;Up-regulated in lung cancer 9

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

Background

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. Directly binds Holliday junctions.,sequence Translated as Arg.,subcellular location:Localizes in centromeres during late telophase and early G1, when CENPA nucleosomes are assembled. Localizes to nucleolus during S phase, nucleolus site being often related to storage.,subunit:Interacts with CENPA (via CATD domain); the interaction is direct and specific for CENPA since it does not interact with H3.1- or H3.3-containing nucleosomes. Interacts with 14-3-3 family members in a phosphorylation-dependent manner. Interacts with MSH5 and NBN.,tissue specificity:According to PubMed:17256767 highly expressed in the thymus with lower levels in the placenta, small intestine, liver, skeletal muscle, and colon. According to PubMed:17823411 highly expressed in testis, and at a relatively lower level in thymus and bone marrow. Significantly overexpressed in many lung cancer samples, compared with normal lung.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year