



# HJURP Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05070
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	HJURP FAKTS FLEG1 URLC9
<b>Protein Name</b>	Holliday junction recognition protein (14-3-3-associated AKT substrate) (Fetal liver-expressing gene 1 protein) (Up-regulated in lung cancer 9)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 80-160
<b>Specificity</b>	HJURP Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	82kD
<b>Cell Pathway</b>	Nucleus, nucleolus. Chromosome, centromere. 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.
<b>Tissue Specificity</b>	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.
<b>Function</b>	function: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 caution: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 high

**Background**

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images