

HJURP Polyclonal Antibody

Cat No: HR1AP10253

For research use only

Overview

Product Name	HJURP Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	82kDa
GeneID?Human?	HJURP FAKTS FLEG1 URLC9
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>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 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.,</p>