



HJURP rabbit pAb

Cat No.:ES9142

For research use only

Overview

Product Name	HJURP rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity	HJURP Polyclonal Antibody detects endogenous levels of 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	Holliday junction recognition protein (14-3-3-associated AKT substrate) (Fetal liver-expressing gene 1 protein) (Up-regulated in lung cancer 9)
Gene Name	HJURP FAKTS FLEG1 URLC9
Cellular localization	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	82kD
Human Gene ID	55355
Human Swiss-Prot Number	Q8NCD3
Alternative Names	
Background	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.,

