Anti-HJURP antibody

Description	Unconjugated Rabbit polyclonal to HJURP

Model	STJ190300
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human HJURP protein.
Immunogen Region	80-160aa
Gene ID	55355
Gene Symbol	HJURP
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	HJURP Polyclonal Antibody detects endogenous levels of protein.
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.
Purification	HJURP antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Holliday junction recognition protein 14-3-3-associated AKT substrate Fetal liver-expressing gene 1 protein Up-regulated in lung cancer 9

Molecular Weight	82 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:25444OMIM:612667
Alternative Names	Holliday junction recognition protein 14-3-3-associated AKT substrate Fetal liver-expressing gene 1 protein Up-regulated in lung cancer 9
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. Prevents CENPA-H4 tetramerization and prevents premature DNA binding by the CENPA-H4 tetramer. Directly binds Holliday junctions.
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.