Immunotag™ HEI10 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT2122
Product Description	Immunotag™ HEI10 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	HEI10
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human CCNB1IP1. AA range:201-250
Specificity	HEI10 Polyclonal Antibody detects endogenous levels of HEI10 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	CCNB1IP1
Accession No.	Q9NPC3
Alternate Names	CCNB1IP1; C14orf18; HEI10; E3 ubiquitin-protein ligase CCNB1IP1; Cyclin-B1-interacting protein 1; Human enhancer of invasion 10
Description	cyclin B1 interacting protein 1(CCNB1IP1) Homo sapiens HEI10 is a member of the E3 ubiquitin ligase family and functions in progression of the cell cycle through G(2)/M.[supplied by OMIM, Apr 2004],

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Protein Expression	Brain,Cervix carcinoma,Fetal brain,Lung,Muscle,Placenta,Small intes
Subcellular Localization	synaptonemal complex,
Protein Function	function:E3 ubiquitin-protein ligase. Modulates cyclin B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated by CDC2 on serine or threonine residues (in vitro).,PTM:Ubiquitinated; autoubiquitinated.,similarity:Contains 1 RING-type zinc finger.,subcellular location:May associate with segregating chromosomes during metaphase and anaphase.,subunit:Binds CCNB1 and UBE2L3.,tissue specificity:Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.