HERC5 Rabbit pAb

Catalog No	YP-Ab-19228
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	HERC5 CEB1 CEBP1
Protein Name	E3 ISG15--protein ligase HERC5 (Cyclin-E-binding protein 1) (HECT domain and RCC1-like domain-containing protein 5)
Immunogen	Synthesized peptide derived from human HERC5
Specificity	This antibody detects endogenous levels of HERC5 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	113kD
Cell Pathway	Cytoplasm, perinuclear region . Associated with the polyribosomes, probably via the 60S subunit.
Tissue Specificity	Expressed in testis and to a lesser degree in brain, ovary and placenta. Found in most tissues at low levels.
Function	Major E3 ligase for ISG15 conjugation. Acts as a positive regulator of innate antiviral response in cells induced by interferon. Functions as part of the ISGylation machinery that recognizes target proteins in a broad and relatively non-specific manner. Catalyzes ISGylation of IRF3 which results in sustained activation, it attenuates IRF3-PIN1 interaction, which antagonizes IRF3 ubiquitination and degradation, and boosts the antiviral response. Catalyzes ISGylation of influenza A viral NS1 which attenuates virulence; ISGylated NS1 fails to form homodimers and thus to interact with its RNA targets. Catalyzes ISGylation of papillomavirus type 16 L1 protein which results in dominant-negative effect on virus infectivity. Physically associated with polyribosomes, broadly modifies newly synthesized proteins in a cotranslational manner. In an interferon-stimulated cell, newly translated viral proteins are primary targets of

	ISG15.
Background	
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.

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