

Rabbit anti-Human HERC5 Polyclonal Antibody | anti-HERC5 antibody

HERC5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234894	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

HERC5; Polyclonal Antibody; HERC5 Antibody; E3 ISG15--protein ligase HERC5; Cyclin-E-binding protein 1; HECT domain and RCC1-like domain-containing protein 5; CEB1; CEBP1; anti-HERC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1024
Applicable Applications for anti-HERC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human E3 ISG15--protein ligase HERC5 protein (153-284AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234894 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234894 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-HERC5 antibody	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.
Product Categories/Family for anti-HERC5 antibody	Epigenetics and Nuclear Signaling; Cell biology; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825982
NCBI GeneID	51191
NCBI Accession #	NP_057407.2
NCBI GenBank Nucleotide #	NM_016323.3
UniProt Accession #	Q9UII4; Q69G20; B2RTQ1
Molecular Weight	116,852 Da
NCBI Official Full Name	E3 ISG15--protein ligase HERC5
NCBI Official Synonym Full Names	HECT and RLD domain containing E3 ubiquitin protein ligase 5
NCBI Official Symbol	HERC5
NCBI Official Synonym Symbols	CEB1; CEBP1
NCBI Protein Information	E3 ISG15--protein ligase HERC5
UniProt Protein Name	E3 ISG15--protein ligase HERC5
UniProt Gene Name	HERC5
UniProt Synonym Gene Names	CEB1; CEBP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/herc5-antibody-immunofluorescence-immunohistochemistry-elisa/234894>