

Rabbit HERC5 Polyclonal Antibody | anti-HERC5 antibody

HERC5 antibody - middle region

CATALOG # AAA199242	HOST Rabbit	REACTIVITY Cow, Horse, Human, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

HERC5; Polyclonal Antibody; HERC5 antibody - middle region; anti-HERC5 antibody

PRODUCT SPECIFICATIONS

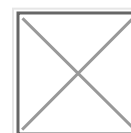
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: FH PEELKDVIVG NTDYDWKTFE KNARYEPGYN SSHPTIVMFV KAFHKLT
Sequence Length	1024
Applicable Applications for anti-HERC5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Horse: 79%; Human: 100%; Pig: 79%; Rabbit: 86%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HERC5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



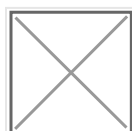
WB (Western Blot)

WB Suggested Anti-HERC5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate



WB (Western Blot)

HERC5 antibody - middle region validated by WB using hek293 cell lysate at 1:1000. HERC5 is supported by BioGPS gene expression data to be expressed in HEK293



IHC (Immunohistochemistry)

Rabbit Anti-HERC5 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
Observed Staining: Cytoplasmic in cell bodies and processes of pinealocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HERC5 antibody	This is a rabbit polyclonal antibody against HERC5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HERC5 is a member of the HERC family of ubiquitin ligases.It contains a HECT domain and five RCC1 repeats. Pro-inflammatory cytokines upregulates expression of HERC5 protein in endothelial cells. The protein localizes to the cytoplasm and perinuclear region and functions as an interferon-induced E3 protein ligase that mediates ISGylation of protein targets.This gene is a member of the HERC family of ubiquitin ligases and encodes a protein with a HECT domain and five RCC1 repeats. Pro-inflammatory cytokines upregulate expression of this gene in endothelial cells. The protein localizes to the cytoplasm and perinuclear region and functions as an interferon-induced E3 protein ligase that mediates ISGylation of protein targets. The gene lies in a cluster of HERC family genes on chromosome 4.
Product Categories/Family for anti-HERC5 antibody	Polyclonal; Cell Cycle Proteins; Chromatin & Nuclear Signaling; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825982
NCBI GeneID	51191
NCBI Accession #	NP_057407
NCBI GenBank Nucleotide #	NM_016323
UniProt Accession #	Q69G20; Q9UII4
Molecular Weight	117kDa
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

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-western-blot-immunohistochemistry-elisa/199242>