

Datasheet for ABIN2774738
anti-HERC5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HERC5
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HERC5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HERC5
Sequence:	CLVAELVGYR VTQIACGRWH TLAYVSDLGK VFSFGSGKDG QLGNGGTRDQ
Predicted Reactivity:	Cow: 86%, Dog: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against HERC5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HERC5
Alternative Name:	HERC5 (HERC5 Products)

Target Details

Background:	<p>HERC5 is a probable E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. 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.</p> <p>Alias Symbols: CEB1, CEBP1</p> <p>Protein Interaction Partner: UBC, SMAD4, UBE2D1, gag, ISG15, TXNRD1, IRF3, HSPA8, CTNNB1, HERC5, SIRT7, STK38, PITX2, ERCC2, CCND1, CCNE1, CCNB1, CCNA2, NME2, CDKN1A,</p> <p>Protein Size: 1024</p>
Molecular Weight:	117 kDa
Gene ID:	51191
NCBI Accession:	NM_016323 , NP_057407
UniProt:	Q9UII4

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1024 AA
Restrictions:	For Research Use only

Handling

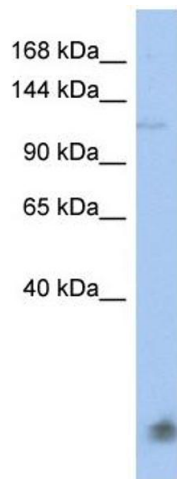
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

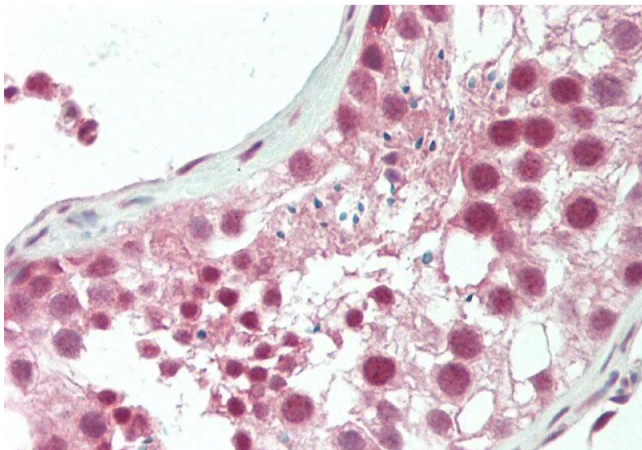
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HERC5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HT1080 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-HERC5 antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec