



Anti-HERC5 (aa 915-1024) polyclonal antibody (DPAB-DC2134)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	HERC5 (NP_057407, 915 a.a. ~ 1024 a.a) partial recombinant protein with GST tag. The sequence is YDWKTFEKNARYEPGYNSSHPTIVMFWKAFHKLTLKKKKFLVFLTGTDRLQMKDLNNMK ITFCCPESWNERDPIRALTCFSVLFLPKYSTMETVEEALQEAINNNRGFG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HERC5 HECT and RLD domain containing E3 ubiquitin protein ligase 5 [Homo sapiens (human)]
Official Symbol	HERC5
Synonyms	HERC5; HECT and RLD domain containing E3 ubiquitin protein ligase 5; CEB1; CEBP1; E3 ISG15--protein ligase HERC5; hect domain and RLD 5; cyclin-E-binding protein 1; probable E3 ubiquitin-protein ligase HERC5; HECT domain and RCC1-like domain-containing protein 5;
Entrez Gene ID	51191
Protein Refseq	NP_057407
UniProt ID	B4DXV3
Chromosome Location	4q22.1
Pathway	Antiviral mechanism by IFN-stimulated genes; ISG15 antiviral mechanism; Innate Immune System; Negative regulators of RIG-I/MDA5 signaling.
Function	ISG15 ligase activity; poly(A) RNA binding; protein binding; ubiquitin-protein transferase activity