

MaxPab®

HERC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00026091-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HERC4 protein.
Immunogen	HERC4 (ADZ15643.1, 1 a.a. ~ 1049 a.a) full-length human protein.
Sequence	MLCWGNASFGQLGLGGIDEEMLEPRKSDFFINKRVRDVGCGLRHTVFVLDDGTVYTCGCNDLG QLGHEKSRKKPEQVVALDAQNVAVSCGEAHTLALNDKGQVYAWGLSDGQLGLVGSEECIRVP RNIKSLSDIQVQVACGYHSLALSKASEVFCWGWQNKYQQLGLGTDCKKQTSPQLLKSLLGIPFMQ VAAGGAHSFVLTLSGAIFGWGRNKFQQLGLNDENDRYVPNLLKSLRSQKIVYICCGEDHTAALTKE GGVFTFGAGGYGQLGHNSTSHENPRKVFELMGSI TEIACGRQHTSAFVPSSGRIYSFGLGGNGQ LGTGSTSNRKSPFTVKGNWYPYNGQCLPDIDSEEYFCVKRIFSGGDQSFSSHYSPPQNCGPPDDF RCPNPTKQMTVNEALIQKWLSTPSGRFPVEIANEIDGTFSSSGCLNGSFLAVSNDDHYRTGTRFS GVDMMNAARLLFHKLIQPDHPQISQQVAASLEKNLIPKLTSSLPDVEALRFYLTLPCEPLMSDSNNF TTIAPFGTALVNLEKAPLKVLENWWSVLEPPLFLKVELFKEVVVHLLKLYKIGIPPSERRIFNSFLH TALKVLEILHRVNEKMGQIIQYDKFYIHEVQELIDIRNDYNWVQQQAYGMLADIPVTICTYPFVFDAQA KTTLLQTDVAVLQMMAIDQHRQNVSSFLPVIESVNPCLILVVRRENIVGDAMEVLRKTKNIDYKK PLKVIFVGEDAVDAGGVRKEFFLLIMRELLDPKYGMFRYYEDSRLWFSDKTFEDSDLFHLIGVICG LAINCTIVDLHFPLALYKLLKKKPSLDDLKELMPDVGRSMQQLLDYPEDDIEETFCLNFTITVENF GATEVKELVLNGADTAVNKQNRQEFVDAYVDYIFNKSVASLFD AFHAGFHKVC GGKVL L LFQPN ELQAMVIGNTNYDWKELEKNTEYKGEYWAHEPTKIFWEVFHELPLEKKKQFLLFLTGS DRIPILGM KSLKLVIQSTGGGEEYLPVSHTCFNLLDLPKYTEKETLSKLIQAIDHNEGFSLI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — HERC4

Entrez GeneID [26091](#)

GeneBank Accession# [JF432426.1](#)

Protein Accession# [ADZ15643.1](#)

Gene Name HERC4

Gene Alias DKFZp564G092, KIAA1593

Gene Description hect domain and RLD 4

Omim ID [609248](#)

Gene Ontology [Hyperlink](#)

Gene Summary HERC4 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).[supplied by OMIM]

Other Designations OTTHUMP00000019692

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)