

Datasheet for ABIN2774750 anti-HERC6 antibody (N-Term)



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3 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | HERC6 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Horse, Pig, Rabbit, Dog, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HERC6 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human HERC6 |
| Sequence: | LSKDSQVFSW GKNSHGQLGL GKEFPSQASP QRVRSLLEGIP LAQVAAGGAH |
| Predicted Reactivity: | Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against HERC6. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | HERC6 |
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Target Details

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| Alternative Name: | HERC6 (HERC6 Products) |
| Background: | <p>HERC6 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]).</p> <p>Alias Symbols: FLJ20637</p> <p>Protein Interaction Partner: FUS, UBC, HSP90AA1, UBQLN2, HERC4, HERC3, NME2,</p> <p>Protein Size: 1022</p> |
| Molecular Weight: | 115 kDa |
| Gene ID: | 55008 |
| NCBI Accession: | NM_017912 , NP_060382 |
| UniProt: | Q8IVU3 |

Application Details

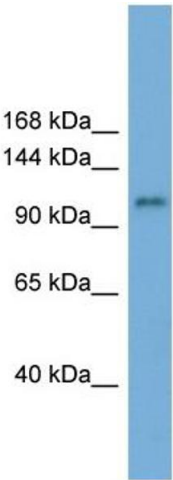
| | |
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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1022 AA |
| Restrictions: | For Research Use only |

Handling

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| 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. |
| 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 |

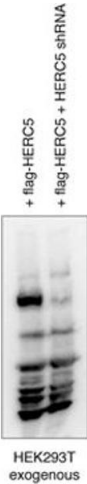
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HERC6 Antibody Titration: 0.2-1 ug/ml Positive Control: ACHN cell lysate

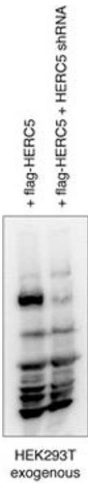


HERC6 (ARP43237_P050)
WB
Sample type: HEK293T cells
Primary dilution: 1:1,000
Secondary dilution: 1,1,000

Application Data in Forum

Submitted by:
Karin Hochrainer
Weill Cornell Medical College

Image 2.



Western Blotting

Image 3. HERC6 antibody - N-terminal region validated by WB using hek293 cell lysate at 1:1000. HERC6 is supported by BioGPS gene expression data to be expressed in HEK293