



## Anti-EHD2 (aa 365-427) polyclonal antibody (DPAB-DC1554)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the EH domain-containing protein family. These proteins are characterized by a C-terminal EF-hand domain, a nucleotide-binding consensus site at the N terminus and a bipartite nuclear localization signal. The encoded protein interacts with the actin cytoskeleton through an N-terminal domain and also binds to an EH domain-binding protein through the C-terminal EH domain. This interaction appears to connect clathrin-dependent endocytosis to actin, suggesting that this gene product participates in the endocytic pathway.
<b>Immunogen</b>	EHD2 (NP_055416, 365 a.a. ~ 427 a.a) partial recombinant protein with GST tag. The sequence is  AHDFTKFHSLKPKLLEALDEMLTHDIAKLMPLLRQEELESTEVGVQGGAFEGTHMGPFVERGP
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">EHD2 EH-domain containing 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	EHD2
<b>Synonyms</b>	EHD2; EH-domain containing 2; PAST2; EH domain-containing protein 2; PAST homolog 2; EH domain containing 2;
<b>Entrez Gene ID</b>	<a href="#">30846</a>
<b>Protein Refseq</b>	<a href="#">NP_055416</a>
<b>UniProt ID</b>	<a href="#">A0A024R0S6</a>
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Endocytosis; Factors involved in megakaryocyte development and platelet production; Insulin Signaling;
<b>Function</b>	ATP binding; GTP binding; GTPase activity; calcium ion binding

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