



# Human EHD2 blocking peptide (CDBP1102)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-EHD2 antibody
<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>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EHD2 EH-domain containing 2 [ Homo sapiens ]</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; FLJ96617;

<b>Entrez Gene ID</b>	<a href="#">30846</a>
<b>mRNA Refseq</b>	<a href="#">NM_014601</a>
<b>Protein Refseq</b>	<a href="#">NP_055416</a>
<b>UniProt ID</b>	Q9NZN4
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem;
<b>Function</b>	ATP binding; GTP binding; GTPase activity; calcium ion binding; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding; protein domain specific binding;