



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

Antigen Description	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.
Immunogen	EHD2 (NP_055416, 365 a.a. ~ 427 a.a) partial recombinant protein with GST tag. The sequence is AHDFTKFKHSLKPKLLEALDEMLTHDIAKLMPLLRQEELESTEVGVQGGAFEGTHMGPFVE RGP
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	EHD2 EH-domain containing 2 [Homo sapiens (human)]
Official Symbol	EHD2
Synonyms	EHD2; EH-domain containing 2; PAST2; EH domain-containing protein 2; PAST homolog 2; EH domain containing 2;
Entrez Gene ID	30846
Protein Refseq	NP_055416
UniProt ID	A0A024R0S6
Chromosome Location	19q13.3
Pathway	Endocytosis; Factors involved in megakaryocyte development and platelet production; Insulin Signaling;
Function	ATP binding; GTP binding; GTPase activity; calcium ion binding