

DNAxPAb

Hard-to-Find
Antibody

ZYX DNAxPab

Catalog # H00007791-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ZYX DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAPRPSPAISVSVSAPAFYAPQKKFGPVVAPKPKVNPFRPGDSEPPPPAPGAQRAQMGRVGEI PPPPPEDFPLPPPPLAGDGDDAEGALGGAFPPPPPIEESFPPAPLEEEIFSPPPPPPEEEGGP EAPIPPPPQPREKVSSIDLEIDSLSSLLDDMTKNDPFKARVSSGYVPPPVATPFSSKSSTKPAAG GTAPLPPWKSPSSSQPLPQVPAPAQSQTQFHVQPQPKPQVQLHVQSQTQPVSLANTQPRG PPASSPAPAPKFSPTPKFTPVASKFSPGAPGGSGSQPNQKLGHPEALSAGTGSPQPPSFTYA QQREKPRVQEKQHPVPPPAQNQNQVRSPGAPGPLTLKEVEELEQLTQQLMQDMEHPQRQNV VNELCGRCHQPLARAQPAVRALGQLFHACFTCHQCAQQLQGQQFYSLGAPYCEGCYDTLEK CNTCGEPITDRMLRATGKAYHPHCFTCVVCARPLEGTSFMDQANRPHCVDPYHKQYAPRC SVC SEPIMPEPGRDETVRVVALDKNFHMKCYKCEDCGKPLSIEADDNGCFPLDGHVLCRKCHTARA QT
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ZYX

Entrez GeneID [7791](#)

GeneBank Accession# [NM_001010972.1](#)

Protein Accession# [NP_001010972.1](#)

Gene Name ZYX

Gene Alias ESP-2, HED-2

Gene Description zyxin

Omim ID [602002](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq]

Other Designations -

Pathway

- [Focal adhesion](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)