

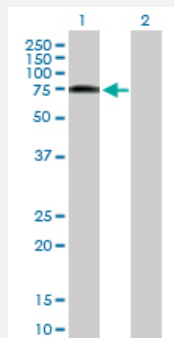
MaxPab®

ZYX purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007791-B01P

Size 50 ug

Applications

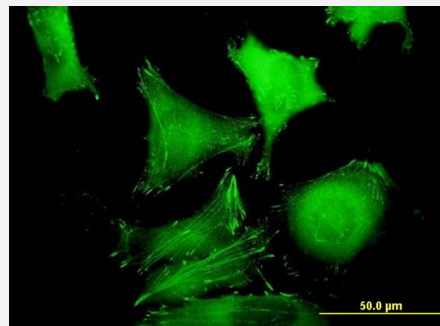


Western Blot (Transfected lysate)

Western Blot analysis of ZYX expression in transfected 293T cell line ([H00007791-T02](#)) by ZYX MaxPab polyclonal antibody.

Lane 1: ZYX transfected lysate (62.92 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ZYX on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ZYX protein.

Immunogen

ZYX (NP_001010972.1, 1 a.a. ~ 572 a.a) full-length human protein.

Sequence	MAAPRPSPAISVSVSAPAFYAPQKKFGPVVAPKPKVNPFRPGDSEPPPPAPGAQRAQMGRVGEI PPPPPEDFPLPPPPLAGDGDDAEGALGGAFPPPPPIEESFPPAPLEEEIFSPPPPPPEEEGGP EAIPPPPQPPEKVSSIDLEIDSLSSLLDDMTKNDPFKARVSSGYVPPPVATPFSSKSSTKPAAG GTAPLPPWKSPSSSQPLPQVPAPAQSQTQFHVQPQPQPKQVQLHVQSQTQPVSLANTQPRG PPASSPAPAPKFSPVTPKFTPVASKFSPGAPGGSGSQPNQKLGHPEALSAGTGSPQPPSFTYA QQREKPRVQEKQHPVPPPAQNQNQVRSPGAPGPLTLKEVEELEQLTQQLMQDMEHPQRQNV VNELCGRCHQPLARAQPAVRALGQLFHACFTCHQCAQQLQGQQFYSLGAPYCEGCYDTLEK CNTCGEPITDRMLRATGKAYHPHCFTCVVCARPLEGTSFMDQANRPHCVDPYHKQYAPRCSVC SEPIMPEPGRDETVRVVALDKNFHMKCYKCEDCGKPLSIEADDNGCFPLDGHVLCRKCHTARA QT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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.

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[Protocol Download](#)

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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](#)