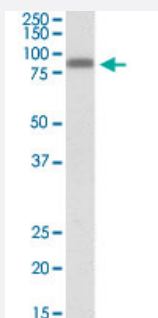


ZYX polyclonal antibody

Catalog # PAB17840 Size 100 ug

Applications



Western Blot (Cell lysate)

ZYX polyclonal antibody (Cat # PAB17840) (0.1 ug/mL) staining of peripheral blood mononucleocytes lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ZYX.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human ZYX.
Sequence	C-QQREKPRVQEKQH
Host	Goat
Theoretical MW (kDa)	61.3
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

ZYX polyclonal antibody (Cat # PAB17840) (0.1 ug/mL) staining of peripheral blood mononucleocytes lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ZYX

Entrez GeneID[7791](#)**Protein Accession#**[NP_003452.1](#)**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](#)