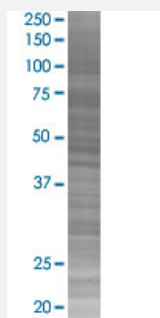


ZYX 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007791-T02

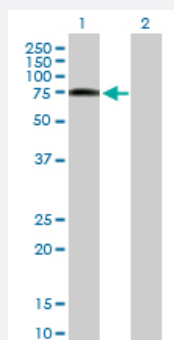
Size 100 uL

Applications



SDS-PAGE Gel

ZYX transfected lysate.



Western Blot

Lane 1: ZYX transfected lysate (61.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ZYX full-length
Host	Human
Theoretical MW (kDa)	61.3
Interspecies Antigen Sequence	Mouse (86); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ZYX antibody ([H00007791-B01P](#)) by Western Blots.
SDS-PAGE Gel
ZYX transfected lysate.
Western Blot
Lane 1: ZYX transfected lysate (61.30 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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

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Pathway

- [Focal adhesion](#)

Disease

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