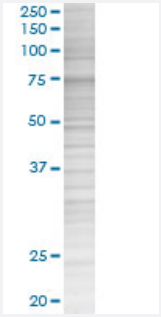
ZYX 293T Cell Transient Overexpression Lysate(Denatured)

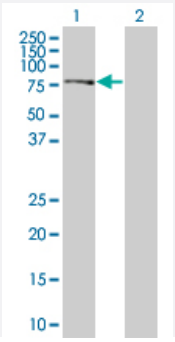
Catalog # H00007791-T01 Size 100 uL

Applications



SDS-PAGE Gel

ZYX transfected lysate.



Western Blot

Lane 1: ZYX transfected lysate (63.03 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ZYX full-length
Host	Human
Theoretical MW (kDa)	63.03
Interspecies Antigen Sequence	Mouse (86); Rat (85)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ZYX antibody (H00007791-B01) by Western Blots. SDS-PAGE Gel ZYX transfected lysate. Western Blot Lane 1: ZYX transfected lysate (63.03 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#	-
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