

Rabbit ZYX Polyclonal Antibody | anti-ZYX antibody

ZYX antibody - middle region

CATALOG # AAA197797	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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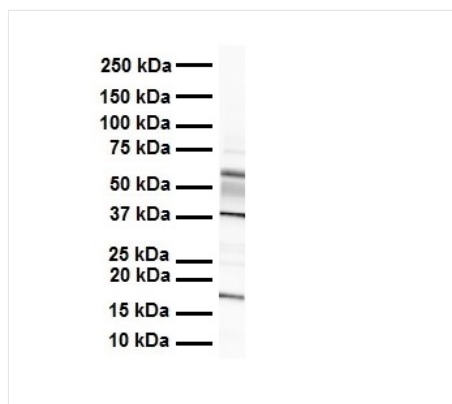
PRODUCT SYNONYMS

ZYX; Polyclonal Antibody; ZYX antibody - middle region; anti-ZYX antibody

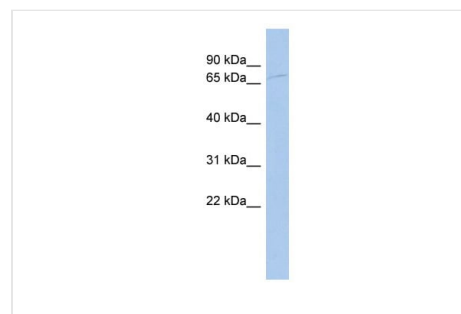
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QP RGPPASSPAP APKFSPVTPK FTPVASKFSP GAPGGSGSQP NQKLGHP
Sequence Length	572
Applicable Applications for anti-ZYX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Rabbit: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ZYX
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

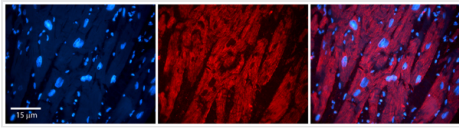
IMAGES


WB (Western Blot)

WB Suggested Anti-ZYX antibody Titration: 1 ug/mL Sample Type: Human heart

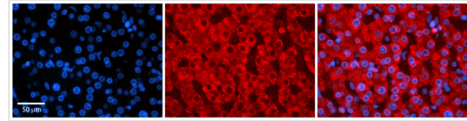

WB (Western Blot)

WB Suggested Anti-ZYX Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:12500 Positive Control: Human Stomach



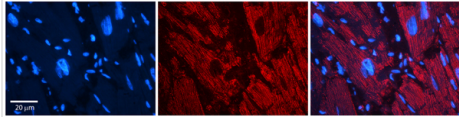
IHC (Immunohistochemistry)

Rabbit Anti-ZYX Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue Observed Staining: Cytoplasmic in mitochondria
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-ZYX Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.



IHC (Immunohistochemistry)

Rabbit Anti-ZYX Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic (cytoskeleton)
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-ZYX antibody

This is a rabbit polyclonal antibody against ZYX. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: TRIM50 is an E3 ubiquitin-protein ligase. 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.

Product Categories/Family for anti-ZYX antibody

[Polyclonal](#); [Transcription Factor](#); [Cell Adhesion](#); [E3 & Ubiquitin](#); [DNA/RNA/Protein Interactions](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4508047
NCBI GeneID	7791
NCBI Accession #	NP_003452
NCBI GenBank Nucleotide #	NM_003461
UniProt Accession #	Q15942
Molecular Weight	61kDa
NCBI Official Full Name	zyxin isoform 1
NCBI Official Synonym Full Names	zyxin
NCBI Official Symbol	ZYX
NCBI Official Synonym Symbols	ESP-2; HED-2
NCBI Protein Information	zyxin
UniProt Protein Name	Zyxin
UniProt Gene Name	ZYX
UniProt Entry Name	ZYX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zyx-antibody-immunohistochemistry-western-blot-elisa/197797>