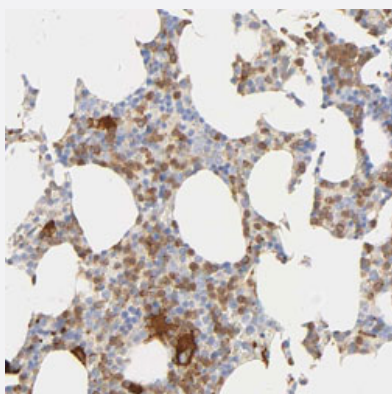


ZYX polyclonal antibody

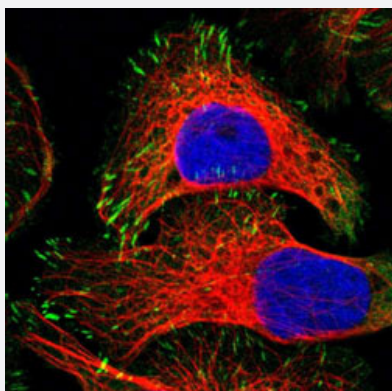
Catalog # PAB30715 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with ZYX polyclonal antibody (Cat # PAB30715) shows distinct cytoplasmic positivity in subsets of hematopoietic cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with ZYX polyclonal antibody (Cat # PAB30715) (Green) shows positivity in focal adhesion sites.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ZYX.
Immunogen	Recombinant protein corresponding to human ZYX.
Sequence	PAPKFSPVTPKFTPVASKFSPGAPGGSGSQPNQKLGHPEALSAGTGSPQPPSFTYAQQREKPR VQEKQHPVPPPAQNQNQVRSPGAPGLTLKEVEELEQLTQQLMQDMEHPQRQNVAVNE
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with ZYX polyclonal antibody (Cat # PAB30715) shows distinct cytoplasmic positivity in subsets of hematopoietic cells.

- Immunofluorescence

Immunofluorescent staining of U-2 OS with ZYX polyclonal antibody (Cat # PAB30715) (Green) shows positivity in focal adhesion sites.

Gene Info — ZYX

Entrez GeneID	7791
Protein Accession#	Q15942
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](#)