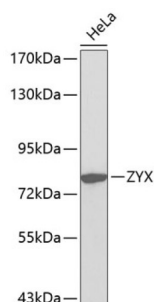
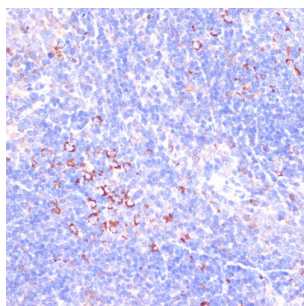


Zyxin (ZYX) Antibody

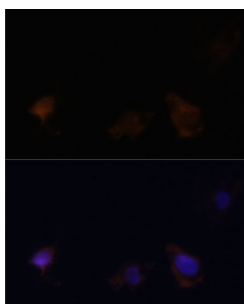
Catalogue No.: abx001747



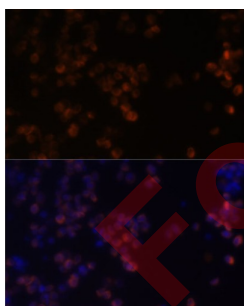
Western blot analysis of extracts of HeLa cells using ZYX Antibody.



Immunohistochemistry of paraffin-embedded Mouse spleen using ZYX Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of C6 cells using ZYX Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raw264.7 cells using ZYX Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

ZYX Antibody is a Rabbit Polyclonal antibody against ZYX. 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.

Datasheet

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Target:	Zyxin (ZYG)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ZYG
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15942 (UniProt , ExPASy)
Gene Symbol:	ZYG
GeneID:	7791
NCBI Accession:	NP_003452.1
KEGG:	hsa:7791
String:	9606.ENSP00000324422
Molecular Weight:	Calculated MW: 45 kDa/61 kDa Observed MW: 78 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only