

Mouse Zyxin Monoclonal Antibody | anti-ZYX antibody

Zyxin Mouse Monoclonal Antibody

CATALOG # AAA330093	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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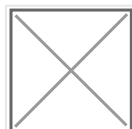
PRODUCT SYNONYMS

Zyxin; Monoclonal Antibody; Zyxin Mouse Monoclonal Antibody; ESP 2; ESP2; HED 2; HED2; ZYX; ZYX protein; Zyxin 2; Zyxin2; anti-ZYX antibody

PRODUCT SPECIFICATIONS

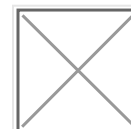
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Zyxin Antibody detects endogenous levels of total Zyxin.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MAAPRPSPAI SVSVSAPAFY APQKKFGPVV APKPKVNPFR PGDSEPPAP GAQRAQMGRV GEIPPPPPED FPLPPPPLAG DGDDAEGALG GAFPPPPPI EESFPPAPLE EEIFSPPPP PEEEGGPEAP IPPPPQPREK VSSIDLEIDS LSSLLDDMTK NDPFKARVSS GYVPPPVATP FSSKSSTKPA AGGTAPLPPW KSPSSSQPLP QVPAPAQSQT QFHVQPQPQP KPQVQLHVQS QTQPVSLANT QPRGPPASSP APAPKFSPVT PKFTPVASKF SPGAPGGSGS QPNQKLGHPE ALSAGTGSPQ PPSFTYAQQR EKPRVQEKQH PVPPPAQNQN QVRSPGAPGP LTLKEVEELE QLTQQLMQDM EHPQRQNAV NELCGRCHQP LARAQPAVRA LGQLFHIACF TCHQCAQQLQ GQQFYSLEGA PYCEGCYTDI LEKNTCGEP ITDRMLRATG KAYHPHCFTC VVCARPLEGT SFIVDQANRP HCVDPYHKQY APRCSVCSEP IMPEPGRDET VRVVALDKNF HMKCYKCEDC GKPLSIEADD NGCFPLDGHV LCRKCHTARA QT
Applicable Applications for anti-ZYX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Zyxin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA330093 at 1/100 staining mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.

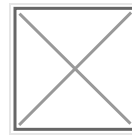


WB (Western Blot)

Western blot analysis of extracts from various samples, using Zyxin Mouse Monoclonal Antibody(1:10k, 10s exp). Lane 1: mouse spleen tissue treated with blocking-peptides, Lane 2: mouse spleen tissue, Lane 3: rat brain tissue, Lane 4: K562 cells.

**WB (Western Blot)**

Western blot analysis of extracts from various samples, using Zyxin Mouse Monoclonal Antibody(1:10k, 10s exp). Lane 1: mouse lung tissue treated with blocking-peptides, Lane 2: mouse lung tissue, Lane 3: rat lung tissue, Lane 4: COLO205 cells.

**WB (Western Blot)**

Western blot analysis of extracts from various samples, using Zyxin Mouse Monoclonal Antibody(1:10k, 10s exp). Lane 1: Raw264.7 cells treated with blocking-peptides, Lane 2: Raw264.7 cells, Lane 3: Hela cells, Lane 4: rat heart tissue.

ADDITIONAL INFORMATION

Related Product Information for anti-ZYX antibody

The zyxin family of proteins includes LIMD1, ajuba, trip6 and zyxin, each of which contains three LIM domains at the carboxy-terminus. Zyxin family members associate with the actin cytoskeleton and are components of both the cell-cell junction adhesive complex and the integrin-mediated adhesive complex. They shuttle in and out of the nucleus where they may function in transcriptional activation (1). Zyxin is involved in the regulation of mechanical force-induced actin polymerization at focal adhesions (2), and in regulation of adhesion and migration, possibly through recruitment of Ena/VASP proteins to focal adhesions (3). Zyxin interacts with and may regulate the function of the tumor suppressor myopodin, which inhibits tumor growth and metastasis (4).

Product Categories/Family for anti-ZYX antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7791
UniProt Accession #	Q15942
Molecular Weight	70~80kD; 61kD(Calculated)

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/monoclonal/zyxin-antibody-immunohistochemistry-western-blot-elisa/330093>