

## anti-Human Zyxin Antibody | anti-Zyxin antibody

Zyxin (Phospho-Ser142) Antibody

|                               |                            |                                            |
|-------------------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA109074</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|----------------------------|--------------------------------------------|

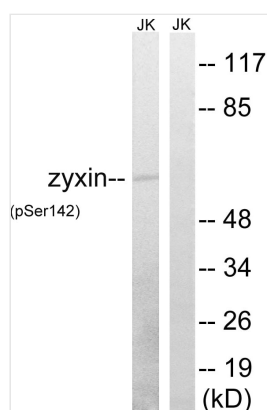
### PRODUCT SYNONYMS

Zyxin; Zyxin (Phospho-Ser142) Antibody; ZYX; Zyxin 2; anti-Zyxin antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human                                                                                                                                                                                                                                               |
| Specificity                                     | Zyxin (Phospho-Ser142) antibody detects endogenous levels of Zyxin only when phosphorylated at serine 142.                                                                                                                                          |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 572                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-Zyxin antibody | ELISA, WB (Western Blot)                                                                                                                                                                                                                            |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human Zyxin around the phosphorylation site of serine 142 (K-V-SP-S-I).                                                                                                  |
| All Sites                                       | Human: Ser142                                                                                                                                                                                                                                       |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, treated with paclitaxel (1uM, 24hours), using Zyxin (Phospho-Ser142) antibody.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-Zyxin antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Macalma T., J. Biol. Chem. 271:31470-31478(1996). Zumbrunn J., Eur. J. Biochem. 241:657-663(1996). Hillier L.W., Nature 424:157-164(2003).                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 58530845                       |
| NCBI GeneID                      | 7791                           |
| NCBI Accession #                 | NP_001010972.1                 |
| NCBI GenBank Nucleotide #        | NM_001010972.1                 |
| UniProt Accession #              | Q15942; Q6I9S4; A4D2G6; B4DQX7 |
| Molecular Weight                 | 45,075 Da                      |
| 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                            |

**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/human-antibody/zyxin/109074>