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| <b>Cat. No:</b>          | ABN00330                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clone:</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen:</b>        | A synthetic peptide of human Zyxin                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity:</b>       | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications:</b>     | WB 1:500-1:1000, IHC 1:50-1:100, ICC/IF 1:50-1:200, FC 1:50-1:100, IP 1:20-1:50                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | Calculated MW: 61 kDa; Observed MW: 78 kDa                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification:</b>     | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms:</b>         | ESP2; HED2; ZYG; Zyxin2                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Background:</b>       | Zyxin binds alpha-actinin and the CRP proteins and is implicated in the regulation and modulation of actin filaments organization, cell adhesion, cell motility, mitosis, and signal transduction. Zyxin may shuttle between focal adhesion plaques and the nucleus. It has been suggested that zyxin is involved in gene transcription by its association with transcription factors in the nucleus. |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Buffer:</b>           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                    |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                          |

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