

## Zyxin (phospho Ser142) rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A23864       | Rabbit  | 1 mg/ml         | 61277         |

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | WB,ELISA  |
| <b>Reactivity</b>            | Human   |
| <b>Dilution</b>              | WB: 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.  |
| <b>Storage</b>               | -20°C/1 year  |
| <b>Specificity</b>           | Phospho-Zyxin (S142) Polyclonal Antibody detects endogenous levels of Zyxin protein only when phosphorylated at S142.   |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Immunogen</b>             | The antiserum was produced against synthesized peptide derived from human Zyxin around the phosphorylation site of Ser142. AA range:108-157   |
| <b>Uniprot No</b>            | Q15942  |
| <b>Alternative names</b>     | ZYX; Zyxin; Zyxin-2   |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Clonality</b>             | Polyclonal  |
| <b>Isotype</b>               | IgG   |
| <b>Conjugation</b>           |   |
| <b>Background</b>            | zyxin(ZYX) Homo sapiens 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, Jul 2008], |
| <b>Other</b>                 | ZYX, Zyxin  |

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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