

## Anti-ANX11 antibody

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Unconjugated Rabbit polyclonal to ANX11                                                                                 |
| <b>Model</b>            | STJ190554                                                                                                               |
| <b>Host</b>             | Rabbit                                                                                                                  |
| <b>Reactivity</b>       | Human, Mouse                                                                                                            |
| <b>Applications</b>     | ELISA, WB                                                                                                               |
| <b>Immunogen</b>        | Synthesized peptide derived from human ANX11 protein.                                                                   |
| <b>Immunogen Region</b> | 280-360aa                                                                                                               |
| <b>Gene ID</b>          | <a href="#">311</a>                                                                                                     |
| <b>Gene Symbol</b>      | <a href="#">ANXA11</a>                                                                                                  |
| <b>Dilution range</b>   | WB 1:500-2000 ELISA 1:5000-20000                                                                                        |
| <b>Specificity</b>      | ANX11 Polyclonal Antibody detects endogenous levels of protein.                                                         |
| <b>Purification</b>     | ANX11 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                            |
| <b>Protein Name</b>     | Annexin A11 56 kDa autoantigen Annexin XI Annexin-11 Calcyclin-associated annexin 50 CAP-50                             |
| <b>Molecular Weight</b> | 55 kDa                                                                                                                  |
| <b>Clonality</b>        | Polyclonal                                                                                                              |
| <b>Conjugation</b>      | Unconjugated                                                                                                            |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Isotype</b>                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>                | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>              | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Instruction</b>        | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Database Links</b>             | <a href="#">HGNC:535</a> <a href="#">OMIM:602572</a>                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b>          | Annexin A11 56 kDa autoantigen Annexin XI Annexin-11 Calcyclin-associated annexin 50 CAP-50                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>                   | Binds specifically to calcyclin in a calcium-dependent manner . Required for midbody formation and completion of the terminal phase of cytokinesis.                                                                                                                                                                                                                                                                             |
| <b>Sequence and Domain Family</b> | A pair of annexin repeats may form one binding site for calcium and phospholipid.                                                                                                                                                                                                                                                                                                                                               |
| <b>Cellular Localization</b>      | Cytoplasm. Melanosome. Nucleus envelope. Nucleus, nucleoplasm. Cytoplasm, cytoskeleton, spindle. Found throughout the nucleoplasm at interphase and during mitosis concentrates around the mitotic apparatus . Elevation of intracellular calcium causes relocalization from the nucleoplasm to the nuclear envelope, with little effect on the cytoplasmic pool. Localization to the nuclear envelope is cell-cycle dependent. |

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