

## Rabbit Shibire Polyclonal Antibody | anti-shi antibody

Shibire Antibody Affinity Purified

|                              |                       |                                                                 |
|------------------------------|-----------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA75829</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunoprecipitation, ELISA</b> |
|------------------------------|-----------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Shibire; Polyclonal Antibody; Shibire Antibody Affinity Purified; anon-WOO153538; ; CG18102; Ddyn; Ddyn3; Ddyn4; Shi; Shibere; anti-shi antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                              |
| Clonality                                     | Polyclonal                                                                                          |
| Form/Format                                   | Affinity Purified                                                                                   |
| Concentration                                 | One hundred micrograms (100ug) antibody in 180-200ul antibody stabilization buffer. (varies by lot) |
| Sequence Length                               | 877                                                                                                 |
| Applicable Applications for anti-shi antibody | WB (Western Blot), IP (Immunoprecipitation), ELISA                                                  |
| Immunogen                                     | Synthetic peptide taken within amino acid region 800-850 on D. melanogaster Shibire protein.        |
| Species Cross Reactivity                      | Drosophila melanogaster                                                                             |
| Molecular Function                            | Hydrolase, Motor protein                                                                            |
| Structure                                     | Contains 1 Dynamin-type G domain; Contains 1 GED domain; Contains 1 PH domain                       |
| Subcellular Location                          | Cytoplasm; Cytoskeleton                                                                             |
| Preparation and Storage                       | -20• degree C for long term storage                                                                 |

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-shi antibody | Affinity Purified Shibire, isoform K Antibody<br>Microtubule-associated force-producing protein which is involved in the production of microtubule bundles and which is able to bind and hydrolyze GTP. Implicated in endocytic protein sorting. |
| Product Categories/Family for anti-shi antibody   | <a href="#">Primary Antibodies</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Cytoskeleton/ECM</a> ; <a href="#">Microtubules</a> ; <a href="#">Shibire Antibody</a>                                                                    |

### NCBI AND UNIPROT INFORMATION

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| NCBI GI #                 | 24642336                                                                 |
| NCBI GeneID               | 45928                                                                    |
| NCBI Accession #          | <a href="#">NP_727910.1</a>                                              |
| NCBI GenBank Nucleotide # | <a href="#">NM_167470.3</a>                                              |
| UniProt Accession #       | <a href="#">P27619</a> ; <a href="#">Q0KHS4</a> ; <a href="#">Q9VXM2</a> |
| Molecular Weight          | 93,031 Da                                                                |

|                                  |                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | shibire, isoform K                                                                                                                                                    |
| NCBI Official Synonym Full Names | shibire                                                                                                                                                               |
| NCBI Official Symbol             | shi                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | anon-WO0153538.12; anon-WO0153538.13; anon-WO0153538.14; CG18102; dDyn; Ddyn; Ddyn3; Ddyn4; DmelCG18102; DNM3; dyn; Dyn; DYN; dynamin; I(1)shi; I(1)VII; Shi; shibere |
| NCBI Protein Information         | CG18102 gene product from transcript CG18102-RG                                                                                                                       |
| UniProt Protein Name             | Dynamin                                                                                                                                                               |
| UniProt Gene Name                | <b>shi</b>                                                                                                                                                            |
| UniProt Entry Name               | DYN_DROME                                                                                                                                                             |

**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://www.aaabiotech.com/polyclonal/shibire-antibody-western-blot-immunoprecipitation-elisa/75829>