

## Rabbit anti-Human DYNC1H1 Polyclonal Antibody | anti-DYNC1H1 antibody

DYNC1H1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA232837 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

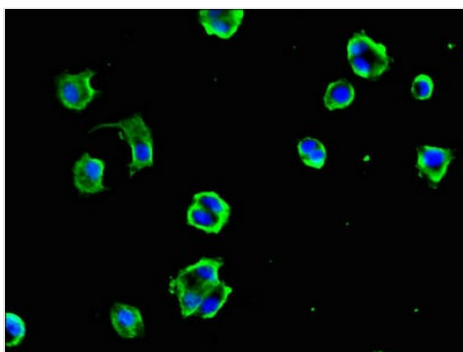
### PRODUCT SYNONYMS

DYNC1H1; Polyclonal Antibody; DYNC1H1 Antibody; Cytoplasmic dynein 1 heavy chain 1; Cytoplasmic dynein heavy chain 1; Dynein heavy chain; cytosolic; DHC1; DNCH1; DNCL; DNECL; DYHC; KIAA0325; anti-DYNC1H1 antibody

### PRODUCT SPECIFICATIONS

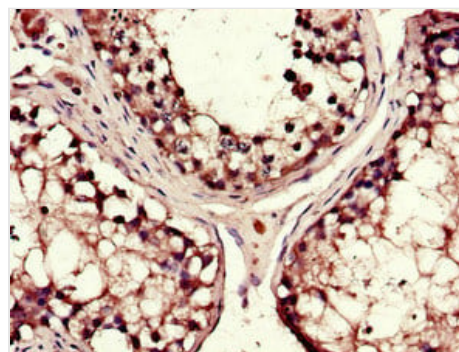
|                                                   |                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                         |
| Reactivity                                        | Human                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                     |
| Isotype                                           | IgG                                                                                                            |
| Purity/Purification                               | >95%, Protein G purified                                                                                       |
| Form/Format                                       | Liquid                                                                                                         |
| Sequence Length                                   | 4646                                                                                                           |
| Applicable Applications for anti-DYNC1H1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Immunogen                                         | Recombinant Human Cytoplasmic dynein 1 heavy chain 1 protein (12-66AA)                                         |
| Preservative                                      | 0.03% Proclin 300                                                                                              |
| Constituents                                      | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                       | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                            | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7526-R / sc-9115                       |
| Preparation and Storage                           | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



**IF (Immunofluorescence)**

Immunofluorescent analysis of MCF-7 cells using AAA232837 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232837 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DYNC1H1 antibody | Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 33350932                                                                 |
| NCBI GeneID                      | 1778                                                                     |
| NCBI Accession #                 | NP_001367.2                                                              |
| NCBI GenBank Nucleotide #        | NM_001376.4                                                              |
| UniProt Accession #              | Q14204; Q6DKQ7; Q8WU28; Q92814; Q9Y4G5; B0I1R0                           |
| Molecular Weight                 | 532,408 Da                                                               |
| NCBI Official Full Name          | cytoplasmic dynein 1 heavy chain 1                                       |
| NCBI Official Synonym Full Names | dynein cytoplasmic 1 heavy chain 1                                       |
| NCBI Official Symbol             | DYNC1H1                                                                  |
| NCBI Official Synonym Symbols    | p22; DHC1; DNCL; DYHC; HL-3; CMT2O; DHC1a; DNCH1; DNECL; Dnchc1; SMALED1 |
| NCBI Protein Information         | cytoplasmic dynein 1 heavy chain 1                                       |
| UniProt Protein Name             | Cytoplasmic dynein 1 heavy chain 1                                       |
| UniProt Gene Name                | DYNC1H1                                                                  |
| UniProt Synonym Gene Names       | DHC1; DNCH1; DNCL; DNECL; DYHC; KIAA0325                                 |
| UniProt Entry Name               | DYHC1_HUMAN                                                              |

**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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