

## Rabbit anti-Human, Mouse DYNC1I1 Polyclonal Antibody | anti-DYNC1I1 antibody

DYNC1I1 Antibody

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA232251</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

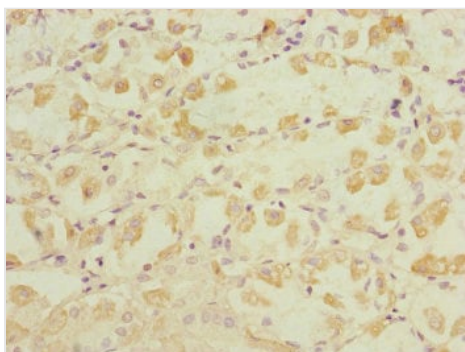
### PRODUCT SYNONYMS

DYNC1I1; Polyclonal Antibody; DYNC1I1 Antibody; Cytoplasmic dynein 1 intermediate chain 1; Cytoplasmic dynein intermediate chain 1; Dynein intermediate chain 1; cytosolic; DH IC-1; DNCI1; DNCIC1; anti-DYNC1I1 antibody

### PRODUCT SPECIFICATIONS

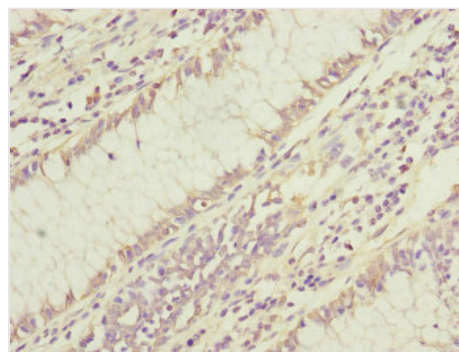
|                                                   |                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                         |
| Reactivity                                        | Human, Mouse                                                                                                   |
| Clonality                                         | Polyclonal                                                                                                     |
| Isotype                                           | IgG                                                                                                            |
| Purity/Purification                               | Antigen Affinity Purified                                                                                      |
| Form/Format                                       | Liquid                                                                                                         |
| Sequence Length                                   | 628                                                                                                            |
| Applicable Applications for anti-DYNC1I1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                           | Human                                                                                                          |
| Immunogen                                         | Recombinant human Cytoplasmic dynein 1 intermediate chain 1 protein (N-220AA)                                  |
| Conjugate                                         | Non-conjugated                                                                                                 |
| Buffer                                            | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                            | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-32192 / sc-32191                       |
| 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



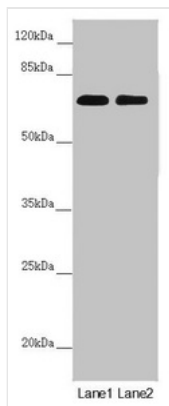
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA232251 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232251 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: DYNC111 antibody at 1.97 ug/mL  
Lane 1: Mouse brain tissue  
Lane 2: Mouse gonadal tissue  
SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 73,71,69,68 kDa  
Observed band size: 73 kDa

### ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-DYNC111 antibody</b> | Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCNT1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores. |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 207113122                                           |
| NCBI GeneID                      | 1780                                                |
| NCBI Accession #                 | NP_001129028.1                                      |
| NCBI GenBank Nucleotide #        | NM_001135556.1                                      |
| UniProt Accession #              | O14576; Q8TBF7; Q9Y2X1; B4DME3; F5H050; G5E9K1      |
| Molecular Weight                 | 70,741 Da                                           |
| NCBI Official Full Name          | cytoplasmic dynein 1 intermediate chain 1 isoform b |
| NCBI Official Synonym Full Names | dynein cytoplasmic 1 intermediate chain 1           |
| NCBI Official Symbol             | DYNC111                                             |
| NCBI Official Synonym Symbols    | DNCI1; DNCIC1                                       |
| NCBI Protein Information         | cytoplasmic dynein 1 intermediate chain 1           |
| UniProt Protein Name             | Cytoplasmic dynein 1 intermediate chain 1           |
| UniProt Gene Name                | DYNC111                                             |
| UniProt Synonym Gene Names       | DNCI1; DNCIC1; DH IC-1                              |
| UniProt Entry Name               | DC111_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.