

## Rabbit anti-Human SEC24D Monoclonal Antibody | anti-SEC24D antibody

SEC24D Rabbit mAb

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA282891</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

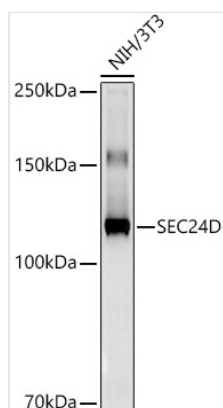
### PRODUCT SYNONYMS

SEC24D; Monoclonal Antibody; SEC24D Rabbit mAb; CLCRP2; anti-SEC24D antibody

### PRODUCT SPECIFICATIONS

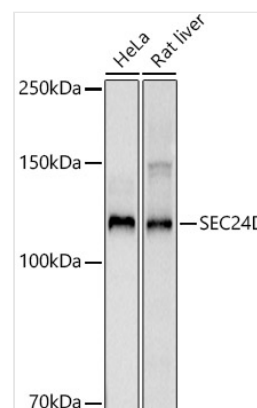
|                                                  |                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                |
| Reactivity                                       | Human                                                                                                                 |
| Clonality                                        | Monoclonal                                                                                                            |
| Isotype                                          | IgG                                                                                                                   |
| Purity/Purification                              | Affinity purification                                                                                                 |
| Form/Format                                      | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.                                                          |
| Sequence                                         | MSQQGYVATP PYSQPQPGIG LSPPHYGHYG DPSHTASPTG MMKPAGPLGA TATRGMLPPG PPPPGPHQFG QNGAHATGHP PQRFPGPPPV NNVASSHAPY         |
| Applicable Applications for anti-SEC24D antibody | ELISA, WB (Western Blot)                                                                                              |
| Cross Reactivity                                 | Human, Mouse, Rat                                                                                                     |
| Immunogen                                        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human SEC24D (NP_001304995.1). |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                      |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using SEC24D Rabbit mAb (AAA282891) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



#### WB (Western Blot)

Western blot analysis of various lysates using SEC24D Rabbit mAb (AAA282891) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SEC24D antibody | The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. This gene product is implicated in the shaping of the vesicle, and also in cargo selection and concentration. Mutations in this gene have been associated with Cole-Carpenter syndrome, a disorder affecting bone formation, resulting in craniofacial malformations and bones that break easily. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-SEC24D antibody   | Signal Transduction; Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                            |                                              |
|----------------------------|----------------------------------------------|
| NCBI GI #                  | 190343021                                    |
| NCBI GeneID                | 9871                                         |
| NCBI Accession #           | NP_055637                                    |
| NCBI GenBank Nucleotide #  | NM_014822                                    |
| UniProt Accession #        | O94855; Q8IY17                               |
| Molecular Weight           | Calculated MW: 113kDa<br>Observed MW: 115kDa |
| UniProt Protein Name       | Protein transport protein Sec24D             |
| UniProt Gene Name          | SEC24D                                       |
| UniProt Synonym Gene Names | KIAA0755                                     |
| UniProt Entry Name         | SC24D_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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sec24d-antibody-western-blot-elisa/282891>