

## Rabbit FAT4 Polyclonal Antibody | anti-FAT4 antibody

FAT4 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166303</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

### PRODUCT SYNONYMS

FAT4; Polyclonal Antibody; FAT4 Polyclonal Antibody; FATJ; FAT-J; CDHF14; CDHR11; NBLA00548; anti-FAT4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 0.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 4981                                                                                      |
| Applicable Applications for anti-FAT4 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Synthetic peptide of human FAT4                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using FAT4 Polyclonal Antibody at dilution 1:20



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FAT4 Polyclonal Antibody at dilution 1:20

### ADDITIONAL INFORMATION

#### Related Product Information for anti-FAT4 antibody

FAT1, FAT2, FAT3 and FAT4 are human homologs of Drosophila Fat, which is involved in tumor suppression and planar cell polarity (PCP). FAT4 undergo the first proteolytic cleavage by Furin and are predicted to undergo the second cleavage by gamma-secretase to release intracellular domain (ICD). FAT4 directly interacts with MPDZ/MUPP1 to recruit membrane-associated guanylate kinase MPP5/PALS1. FAT4 is involved in the maintenance of PCP and inhibition of cell proliferation.

### NCBI AND UNIPROT INFORMATION

|                  |                          |
|------------------|--------------------------|
| NCBI GI #        | <a href="#">82659759</a> |
| Molecular Weight | 214,692 Da               |

|                            |                     |
|----------------------------|---------------------|
| NCBI Official Full Name    | Fat4                |
| UniProt Protein Name       | Protocadherin Fat 4 |
| UniProt Gene Name          | <b>Fat4</b>         |
| UniProt Synonym Gene Names | Fatj                |
| UniProt Entry Name         | FAT4_MOUSE          |

**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/polyclonal/fat4-antibody-immunohistochemistry-elisa/166303>