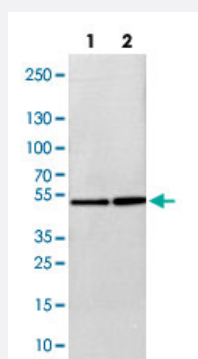


# FLOT1 polyclonal antibody

Catalog # PAB28424

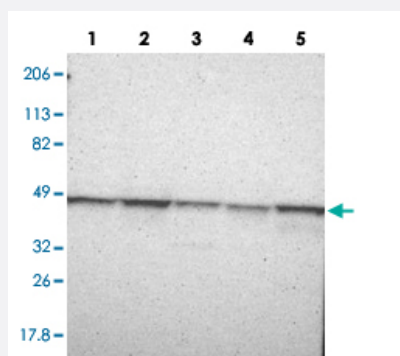
Size 100 uL

## Applications



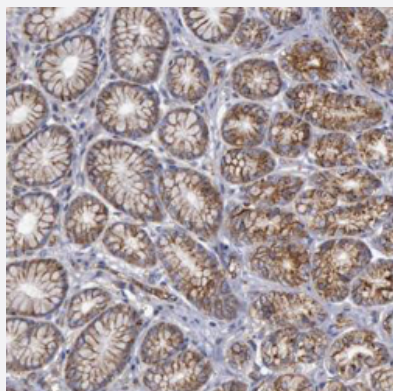
### Western Blot (Cell lysate)

Western blot analysis of lane 1: NIH-3T3 cell lysate and lane 2: NBT-II cell lysate using FLOT1 polyclonal antibody (Cat # PAB28424).



### Western Blot

Western blot analysis of lane 1: RT-4, lane 2: U-251 MG, lane 3: A-431, lane 4: Liver and lane 5: Tonsil using FLOT1 polyclonal antibody (Cat # PAB28424).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human stomach with FLOT1 polyclonal antibody (Cat # PAB28424) shows distinct cytoplasmic and membranous positivity with a granular pattern.

## Specification

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against recombinant FLOT1.                                                                                                                                                         |
| Immunogen           | Recombinant protein corresponding to human FLOT1.                                                                                                                                                                    |
| Sequence            | HQRAIMAHMTVEEYKDRQKFSEQVFKVASSDLVNMGISVVSYTLKDIHDDQDYLHSLGKARTAQV<br>QKDARIGEAEAKRDAGIREAKAKQEKVSAQYLSEIEMAKAQRDYELKKAAYDIEVNTRRAQADLAY<br>QLQVAKTKQQIEEQR                                                           |
| Host                | Rabbit                                                                                                                                                                                                               |
| Reactivity          | Human, Mouse, Rat                                                                                                                                                                                                    |
| Form                | Liquid                                                                                                                                                                                                               |
| Purification        | Antigen affinity purification                                                                                                                                                                                        |
| Isotype             | IgG                                                                                                                                                                                                                  |
| Recommend Usage     | Western Blot (Human: 1:250-1:500, Rodent: 1:100-1:500)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                                                                                                    |
| Storage Instruction | Store at 4 °C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                              |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                               |

## Applications

- Western Blot (Cell lysate)

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- Western Blot

Western blot analysis of lane 1: RT-4, lane 2: U-251 MG, lane 3: A-431, lane 4: Liver and lane 5: Tonsil using FLOT1 polyclonal antibody (Cat # PAB28424).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — FLOT1

|                    |                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">10211</a>                                                                                                                                                                                                                                      |
| Protein Accession# | <a href="#">A2AB09</a>                                                                                                                                                                                                                                     |
| Gene Name          | FLOT1                                                                                                                                                                                                                                                      |
| Gene Alias         | -                                                                                                                                                                                                                                                          |
| Gene Description   | flotillin 1                                                                                                                                                                                                                                                |
| Omim ID            | <a href="#">606998</a>                                                                                                                                                                                                                                     |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                  |
| Gene Summary       | Caveolae are small domains on the inner cell membrane involved in vesicular trafficking and signal transduction. FLOT1 encodes a caveolae-associated, integral membrane protein. The function of flotillin 1 has not been determined. [provided by RefSeq] |
| Other Designations | OTTHUMP00000029208 integral membrane component of caveolae                                                                                                                                                                                                 |

## Pathway

- [Insulin signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)