

## Rabbit anti-Human ANO6 Polyclonal Antibody | anti-ANO6 antibody

ANO6 Antibody

|                               |                       |                            |                                                  |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------------|
| CATALOG #<br><b>AAA234827</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------------|

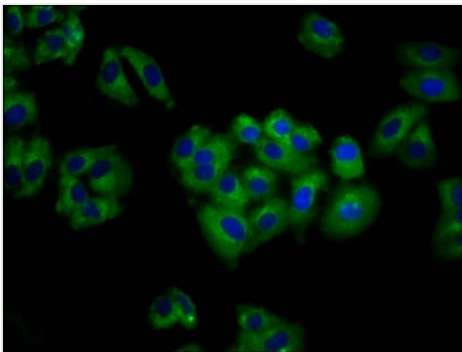
### PRODUCT SYNONYMS

ANO6; Polyclonal Antibody; ANO6 Antibody; Anoctamin-6; Small-conductance calcium-activated nonselective cation channel; SCAN channel; Transmembrane protein 16F; TMEM16F; anti-ANO6 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                     |
| Reactivity                                     | Human                                                                                      |
| Clonality                                      | Polyclonal                                                                                 |
| Isotype                                        | IgG                                                                                        |
| Purity/Purification                            | >95%, Protein G purified                                                                   |
| Form/Format                                    | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Sequence Length                                | 910                                                                                        |
| Applicable Applications for anti-ANO6 antibody | IF (Immunofluorescence), ELISA                                                             |
| Immunogen                                      | Recombinant Human Anoctamin-6 protein (12-100AA)                                           |
| Immunogen Species                              | Homo sapiens (Human)                                                                       |
| Research Area                                  | Others                                                                                     |
| Target Names                                   | ANO6                                                                                       |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence staining of HepG2 cells with AAA234827 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ANO6 antibody | Small-conductance calcium-activated nonselective cation (SCAN) channel which acts as a regulator of phospholipid scrambling in platelets and osteoblasts. Phospholipid scrambling results in surface exposure of phosphatidylserine which in platelets is essential to trigger the clotting system whereas in osteoblasts is essential for the deposition of hydroxyapatite during bone mineralization. Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (By similarity). Can generate outwardly rectifying chloride channel currents in airway epithelial cells and Jurkat T lymphocytes. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 218156299                                              |
| NCBI GeneID                      | 196527                                                 |
| NCBI Accession #                 | NP_001020527.2                                         |
| NCBI GenBank Nucleotide #        | NM_001025356.2                                         |
| UniProt Accession #              | Q4KMQ2; Q8N3Q2; A6NNM6; B9EGG0; E7ENK4; E9PB30; E9PCT2 |
| NCBI Official Full Name          | anoctamin-6 isoform a                                  |
| NCBI Official Synonym Full Names | anoctamin 6                                            |
| NCBI Official Symbol             | ANO6                                                   |
| NCBI Official Synonym Symbols    | SCTS; BDPLT7; TMEM16F                                  |
| NCBI Protein Information         | anoctamin-6                                            |
| UniProt Protein Name             | Anoctamin-6                                            |
| UniProt Gene Name                | ANO6                                                   |
| UniProt Synonym Gene Names       | TMEM16F; SCAN channel                                  |

**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.