

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

FCAR Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA307371 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

FCAR; Polyclonal Antibody; FCAR Antibody; CD89; anti-FCAR antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                            |
| Reactivity                                     | Human, Mouse                                                                                                      |
| Clonality                                      | Polyclonal                                                                                                        |
| Specificity                                    | The antibody detects endogenous levels of total FCAR protein.                                                     |
| Purity/Purification                            | Antigen affinity purification.                                                                                    |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                   |
| Concentration                                  | 1.4 mg/ml (varies by lot)                                                                                         |
| Sequence Length                                | 287                                                                                                               |
| Applicable Applications for anti-FCAR antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                     |
| Immunogen Type                                 | Recombinant Protein                                                                                               |
| Immunogen Description                          | Fusion protein corresponding to a region derived from internal residues of human Immunoglobulin alpha Fc receptor |
| Target Name                                    | FCAR                                                                                                              |
| Preparation and Storage                        | Store at -20 degree C                                                                                             |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.



#### Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Mouse brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/700 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

### ADDITIONAL INFORMATION

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

This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.

|                                                  |                  |
|--------------------------------------------------|------------------|
| Product Categories/Family for anti-FCAR antibody | Total protein Ab |
|--------------------------------------------------|------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503673                                                                                        |
| NCBI GeneID                      | 2204                                                                                           |
| NCBI Accession #                 | NP_001991.1                                                                                    |
| NCBI GenBank Nucleotide #        | NM_002000.3                                                                                    |
| UniProt Accession #              | P24071; Q13603; Q13604; Q15727; Q15728; Q1AJL7; Q1AJL8; Q1AJL9; Q53X38; Q53X39; Q92587; Q92588 |
| Molecular Weight                 | 28,343 Da                                                                                      |
| NCBI Official Full Name          | immunoglobulin alpha Fc receptor isoform a                                                     |
| NCBI Official Synonym Full Names | Fc fragment of IgA receptor                                                                    |
| NCBI Official Symbol             | FCAR                                                                                           |
| NCBI Official Synonym Symbols    | CD89; FcalphaRI; CTB-61M7.2                                                                    |
| NCBI Protein Information         | immunoglobulin alpha Fc receptor                                                               |
| UniProt Protein Name             | Immunoglobulin alpha Fc receptor                                                               |
| UniProt Gene Name                | <b>FCAR</b>                                                                                    |
| UniProt Synonym Gene Names       | CD89; IgA Fc receptor                                                                          |
| UniProt Entry Name               | FCAR_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.