

## Rabbit FFAR2 / GPR43 Polyclonal Antibody | anti-FFAR2 antibody

Rabbit Polyclonal to Human FFAR2 / GPR43

| CATALOG # | HOST   | REACTIVITY                                                                                       | APPLICATIONS                |
|-----------|--------|--------------------------------------------------------------------------------------------------|-----------------------------|
| AAA51368  | Rabbit | Gorilla, Human<br><b>Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)</b> | <b>Immunohistochemistry</b> |

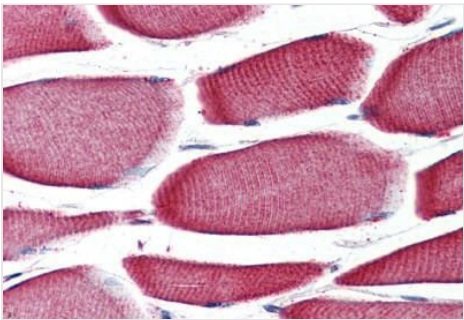
### PRODUCT SYNONYMS

FFAR2 / GPR43; Polyclonal Antibody; Rabbit Polyclonal to Human FFAR2 / GPR43; Anti-FFAR2 / GPR43 Antibody (Internal) IHC-plus; FFAR2; FFA2R; Free fatty acid receptor 2; G protein-coupled receptor 43; G-protein coupled receptor 43; LSSIG; GPR43; Gpcr43; Human FFAR2; anti-FFAR2 antibody

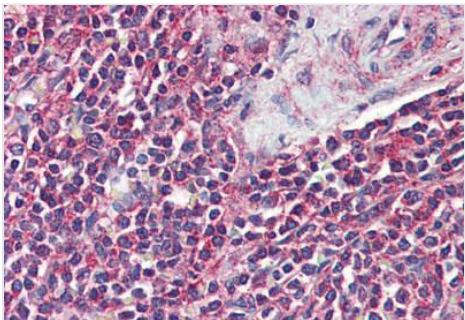
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                            |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                     |
| Reactivity                                      | Gorilla, Human<br><b>Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)</b>                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                 |
| Specificity                                     | Human GPR43. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                         |
| Purity/Purification                             | Immunoaffinity Purified                                                                                                                                                                                    |
| Form/Format                                     | PBS, 0.1% sodium azide.                                                                                                                                                                                    |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                                                    |
| Sequence Length                                 | 330                                                                                                                                                                                                        |
| Applicable Applications for anti-FFAR2 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                 |
| Target Species                                  | Human                                                                                                                                                                                                      |
| Immunogen Description                           | Synthetic 17 amino acid peptide from internal region of human GPR43. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%).                                           |
| Immunogen Type                                  | Synthetic peptide                                                                                                                                                                                          |
| Immunogen                                       | FFAR2 / GPR43 antibody was raised against synthetic 17 amino acid peptide from internal region of human GPR43. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%). |
| Antigen Modification                            | Internal                                                                                                                                                                                                   |
| Preparation and Storage                         | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                           |

IMAGES



**IHC (Immunohistochemistry)**  
Anti-GPR43 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-GPR43 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FFAR2 antibody | GPR43 is classified as a Carboxylic Acid GPCR. The location of this receptor in the immune system is suggestive of potential roles in immune cell function and hematopoiesis. |
| Product Categories/Family for anti-FFAR2 antibody   | Family: GPCR; Subfamily: Carboxylic Acid                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4885333                                                                                                                        |
| NCBI GeneID                      | 2867                                                                                                                           |
| NCBI Accession #                 | NP_005297.1                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_005306.2                                                                                                                    |
| UniProt Accession #              | O15552; Q4VAZ3; Q4VAZ5; Q4VBL5; B0M0J9                                                                                         |
| Molecular Weight                 | 37,144 Da                                                                                                                      |
| NCBI Official Full Name          | free fatty acid receptor 2                                                                                                     |
| NCBI Official Synonym Full Names | free fatty acid receptor 2                                                                                                     |
| NCBI Official Symbol             | FFAR2                                                                                                                          |
| NCBI Official Synonym Symbols    | FFA2R; GPR43                                                                                                                   |
| NCBI Protein Information         | free fatty acid receptor 2; G protein-coupled receptor 43; G-protein coupled receptor 43; free fatty acid activated receptor 2 |
| UniProt Protein Name             | Free fatty acid receptor 2                                                                                                     |
| UniProt Gene Name                | FFAR2                                                                                                                          |
| UniProt Synonym Gene Names       | FFA2; GPCR43; GPR43                                                                                                            |
| UniProt Entry Name               | FFAR2_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.