

Rabbit FFAR2 / GPR43 Polyclonal Antibody | anti-FFAR2 antibody

Rabbit Polyclonal to Human FFAR2 / GPR43

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50773	Rabbit	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

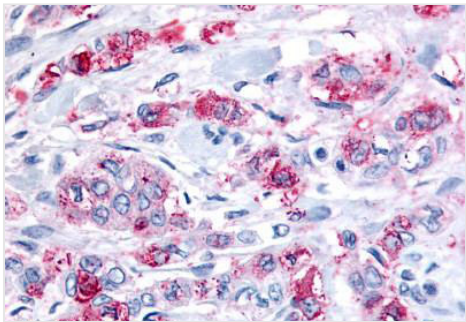
PRODUCT SYNONYMS

FFAR2 / GPR43; Polyclonal Antibody; Rabbit Polyclonal to Human FFAR2 / GPR43; Anti-FFAR2 / GPR43 Antibody (Extracellular Domain) 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

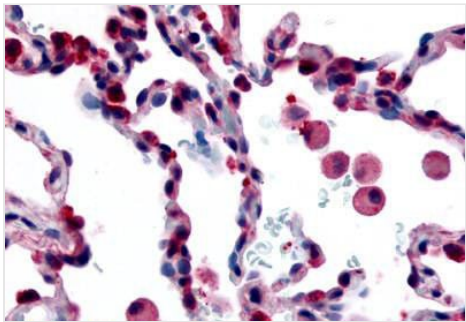
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR43. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except FFAR3 (47%).
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 2nd extracellular domain of human GPR43. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%); Mouse, Rat, Dog, Panda, Rabbit, Pig (88%); Horse, Opossum (82%).
Immunogen Type	Synthetic peptide
Immunogen	FFAR2 / GPR43 antibody was raised against synthetic 17 amino acid peptide from 2nd extracellular domain of human GPR43. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey (94%); Mouse, Rat, Dog, Panda, Rabbit, Pig (88%); Horse, Opossum (82%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

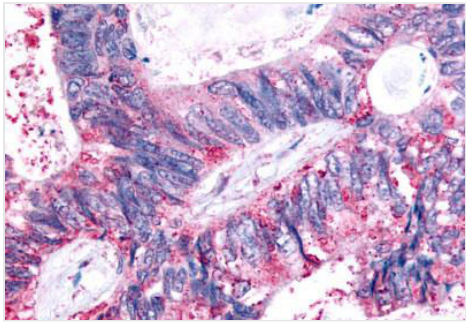
IMAGES



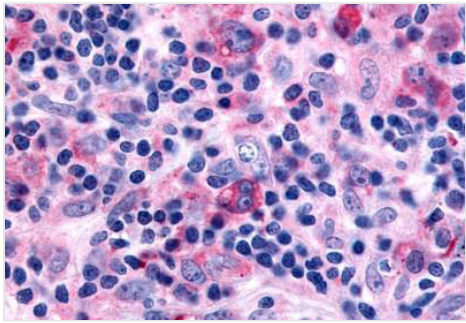
IHC (Immunohistochemistry)
Anti-FFAR2 / GPR43 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



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



IHC (Immunohistochemistry)
Anti-FFAR2 / GPR43 antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-FFAR2 / GPR43 antibody IHC of human Lymph Node, Hodgkins Lymphoma. 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ffar2-gpr43-antibody-immunohistochemistry-elisa/50773>