

Rabbit O3FAR1 / GPR120 Polyclonal Antibody | anti-O3FAR1 antibody

Rabbit Polyclonal to Human O3FAR1 / GPR120

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51059	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey, Bat, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

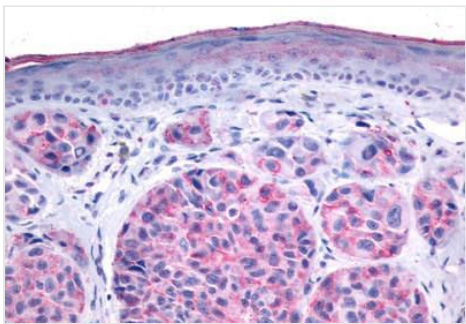
PRODUCT SYNONYMS

O3FAR1 / GPR120; Polyclonal Antibody; Rabbit Polyclonal to Human O3FAR1 / GPR120; Anti-O3FAR1 / GPR120 Antibody (Cytoplasmic Domain) IHC-plus; FFAR4; Free fatty acid receptor 4; GT01; GPR129; GPR120; O3FAR1; PGR4; BMIQ10; Human O3FAR1; anti-O3FAR1 antibody

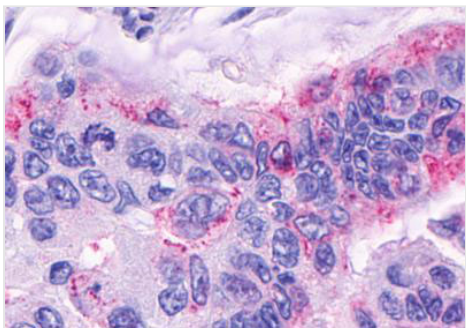
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey, Bat, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human O3FAR1 / GPR120. 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	377
Applicable Applications for anti-O3FAR1 antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunocytochemistry (ICC)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from 3rd cytoplasmic domain of human O3FAR1 / GPR120. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat, Elephant, Rabbit (94%); Marmoset, Mouse, Rat, Pig (89%).
Immunogen Type	Synthetic peptide
Immunogen	O3FAR1 / GPR120 antibody was raised against synthetic 18 amino acid peptide from 3rd cytoplasmic domain of human O3FAR1 / GPR120. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat, Elephant, Rabbit (94%); Marmoset, Mouse, Rat, Pig (89%); Bovine, Dog, Hamster, Horse (83%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

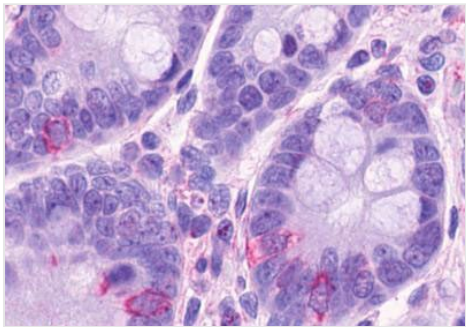
IMAGES



IHC (Immunohistochemistry)
Anti-O3FAR1 / GPR120 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-O3FAR1 / GPR120 antibody IHC of human colon, carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-O3FAR1 / GPR120 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-O3FAR1 antibody	GPR120 is a receptor for unsaturated long chain free fatty acids (Hirasawa et al. 2004) and is expressed in the intestine.
Product Categories/Family for anti-O3FAR1 antibody	Family: GPCR; Subfamily: Fatty acid

NCBI AND UNIPROT INFORMATION

NCBI GI #	55953085
NCBI GeneID	338557
NCBI Accession #	NP_859529.2
NCBI GenBank Nucleotide #	NM_181745.3
UniProt Accession #	Q5NUL3; Q495H1; Q5VY25; Q5VY26; Q7Z605; Q86SM7
Molecular Weight	40,494 Da
NCBI Official Full Name	free fatty acid receptor 4 isoform GPR120-L
NCBI Official Synonym Full Names	free fatty acid receptor 4
NCBI Official Symbol	FFAR4
NCBI Official Synonym Symbols	GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1
NCBI Protein Information	free fatty acid receptor 4; omega-3 fatty acid receptor 1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4

UniProt Protein Name	Free fatty acid receptor 4
UniProt Gene Name	FFAR4
UniProt Synonym Gene Names	GPR120; GPR129; O3FAR1; PGR4
UniProt Entry Name	FFAR4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/o3far1-gpr120-antibody-immunohistochemistry-elisa/51059>