

Rabbit RXFP1/ LGR7 Polyclonal Antibody | anti-RXFP1 antibody

Rabbit Polyclonal to Human RXFP1/ LGR7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52332	Rabbit	Gorilla, Human, Orangutan Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

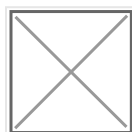
PRODUCT SYNONYMS

RXFP1/ LGR7; Polyclonal Antibody; Rabbit Polyclonal to Human RXFP1/ LGR7; Anti-RXFP1/ LGR7 Antibody (C-Terminus) IHC-plus; RXFP1; LGR7; LGR7.1; LGR7.10; LGR7.2; RXFP1; Relaxin receptor 1; Human RXFP1/ LGR7; anti-RXFP1 antibody

PRODUCT SPECIFICATIONS

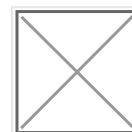
Host	Rabbit
Reactivity	Gorilla, Human, Orangutan Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human RXFP1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ANGPT2 (47%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	757
Applicable Applications for anti-RXFP1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human RXFP1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan (100%); Gibbon, Monkey (95%); Marmoset (84%).
Immunogen Type	Synthetic peptide
Immunogen	RXFP1/ LGR7 antibody was raised against synthetic 19 amino acid peptide from C-terminus of human RXFP1. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan (100%); Gibbon, Monkey (95%); Marmoset (84%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-RXFP1/ LGR7 antibody IHC of human Prostate, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-RXFP1/ LGR7 antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-RXFP1 antibody	LGR7 is a member of the Relaxin Receptor subfamily. LGR7 is a receptor for the hormone relaxin, binding relaxin H1 and H2 with high affinity. In transfected cell systems the receptor has been shown to respond to relaxin by causing an elevation of intracellular cAMP.
Product Categories/Family for anti-RXFP1 antibody	Family: GPCR; Subfamily: Relaxin

NCBI AND UNIPROT INFORMATION

NCBI GI #	85986601
NCBI GeneID	59350
NCBI Accession #	NP_067647.2
NCBI GenBank Nucleotide #	NM_021634.3
UniProt Accession #	Q9HBX9; Q2M215; Q3KU24; Q3KU25; Q3KU26; B4DHD1; B4DTV2
Molecular Weight	75,272 Da
NCBI Official Full Name	relaxin receptor 1 isoform 1
NCBI Official Synonym Full Names	relaxin/insulin-like family peptide receptor 1
NCBI Official Symbol	RXFP1
NCBI Official Synonym Symbols	LGR7; RXFPR1
NCBI Protein Information	relaxin receptor 1; leucine-rich repeat-containing G protein-coupled receptor 7
UniProt Protein Name	Relaxin receptor 1
UniProt Gene Name	RXFP1
UniProt Synonym Gene Names	LGR7
UniProt Entry Name	RXFP1_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://stage.aaabiotech.com/polyclonal/rxfp1-lgr7-antibody-immunohistochemistry-elisa/52332>