

Rabbit GPER1 / GPR30 Polyclonal Antibody | anti-GPER1 antibody

Rabbit Polyclonal to Human GPER1 / GPR30

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51660	Rabbit	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	ELISA, Immunohistochemistry

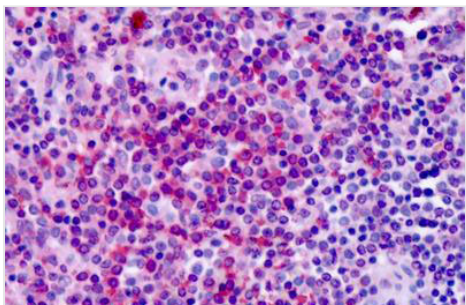
PRODUCT SYNONYMS

GPER1 / GPR30; Polyclonal Antibody; Rabbit Polyclonal to Human GPER1 / GPR30; Anti-GPER1 / GPR30 Antibody (Extracellular Domain) IHC-plus; GPER1; CMKRL2; CEPR; FEG-1; G-protein coupled receptor 30; G protein-coupled receptor 30; GPCR-Br; GPER; Heptahelix receptor; LERGU; LyGPR; MER; GPR30; IL8-related receptor DRY12; LERGU2; Chemokine receptor-like 2; DRY12; Membrane estrogen receptor; Human GPER1; anti-GPER1 antibody

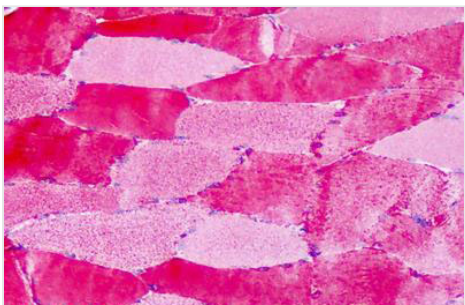
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR30. 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	375
Applicable Applications for anti-GPER1 antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from 2nd extracellular domain of human GPR30. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Marmoset, Elephant (93%); Mouse, Rat, Hamster, Panda, Horse, Opossum, Platypus (87%).
Immunogen Type	Synthetic peptide
Immunogen	GPER1 / GPR30 antibody was raised against synthetic 15 amino acid peptide from 2nd extracellular domain of human GPR30. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Marmoset, Elephant (93%); Mouse, Rat, Hamster, Panda, Horse, Opossum, Platypus (87%); Dog, Bovine, Turkey, Zebra finch, Chicken (80%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPR30 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5-7.5 ug/ml.



IHC (Immunohistochemistry)
Anti-GPR30 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5-7.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GPER1 antibody	GPR30 is a transmembrane intracellular estrogen receptor (Revankar et al. 2005). Progesterin inhibits growth in breast cancer cells through GPR30.
Product Categories/Family for anti-GPER1 antibody	Family: GPCR; Subfamily: Transmembrane Estrogen Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504091
NCBI GeneID	2852
NCBI Accession #	NP_001496.1
NCBI GenBank Nucleotide #	NM_001505.2
UniProt Accession #	Q99527; O00143; O43494; Q13631; Q6FHL1; Q96F42; Q99981; A8K6C5; B5BUJ1
Molecular Weight	42,248 Da
NCBI Official Full Name	G-protein coupled estrogen receptor 1
NCBI Official Synonym Full Names	G protein-coupled estrogen receptor 1
NCBI Official Symbol	GPER1
NCBI Official Synonym Symbols	mER; CEPR; GPER; DRY12; FEG-1; GPR30; LERGU; LyGPR; CMKRL2; LERGU2; GPCR-Br
NCBI Protein Information	G-protein coupled estrogen receptor 1; heptahelix receptor; chemokine receptor-like 2; IL8-related receptor DRY12; membrane estrogen receptor; G protein-coupled receptor 30; chemoattractant receptor-like 2; leucine rich protein in GPR30 3'UTR; lymphocyte-derived G-protein coupled receptor; constitutively expressed peptide-like receptor; flow-induced endothelial G-protein coupled receptor 1
UniProt Protein Name	G-protein coupled estrogen receptor 1
UniProt Gene Name	GPER1
UniProt Synonym Gene Names	CEPR; CMKRL2; DRY12; GPER; GPR30; FEG-1; LYGPR; mER
UniProt Entry Name	GPER1_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.