

Rabbit anti-Human, mouse GPER Polyclonal Antibody | anti-GPER1 antibody

GPER Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290274	Rabbit	Human, mouse	ELISA, Western Blot

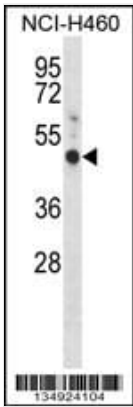
PRODUCT SYNONYMS

GPER; Polyclonal Antibody; GPER Antibody (C-term); G-protein coupled estrogen receptor 1; Chemoattractant receptor-like 2; Flow-induced endothelial G-protein coupled receptor 1; FEG-1; G protein-coupled estrogen receptor 1; G-protein coupled receptor 30; GPCR-Br; IL8-related receptor DRY12; Lymphocyte-derived G-protein coupled receptor; LYGPR; Membrane estrogen receptor; mER; GPER1; CEPR; CMKRL2; DRY12; GPR30; anti-GPER1 antibody

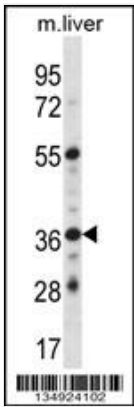
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPER antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-375 amino acids from the C-terminal region of human GPER.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	346-375
Sequence Length	375
Applicable Applications for anti-GPER1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
GPER Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the GPER antibody detected the GPER protein (arrow).



WB (Western Blot)
GPER Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the GPER antibody detected the GPER protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPER1 antibody	This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen, resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized. [provided by RefSeq].
Product Categories/Family for anti-GPER1 antibody	Metabolism; Neuroscience; Signal Transduction; Phospho Antibodies
References	Patel, V.H., et al. Int. J. Mol. Med. 26(2):193-199(2010) Ignatov, A., et al. Breast Cancer Res. Treat. 123(1):87-96(2010) Li, Y., et al. Mol. Endocrinol. 24(5):969-980(2010) Kang, L., et al. Mol. Endocrinol. 24(4):709-721(2010) Ariazi, E.A., et al. Cancer Res. 70(3):1184-1194(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	91106714
NCBI GeneID	2852
NCBI Accession #	NP_001035055.1; NP_001091671.1; NP_001496.1
NCBI GenBank Nucleotide #	NM_001039966.1
UniProt Accession #	Q99527; O00143; O43494; Q13631; Q6FHL1; Q96F42; Q99981; A8K6C5; B5BUJ1
Molecular Weight	42248
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gper-antibody-western-blot-elisa/290274>