



Anti-GPER1 (aa 357-370) polyclonal antibody (DPABH-09425)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Receptor for estrogen.
Immunogen	Synthetic peptide: C-KAVIPDSTEQSDVR, corresponding to amino acids 357-370 of Human GPCR GPR30 (NP_001496.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Baboon
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	Flow Cyt, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name [GPER1 G protein-coupled estrogen receptor 2 \[Homo sapiens \]](#)

Official Symbol	GP _{ER} 1
Synonyms	GP _{ER} 1; G protein-coupled estrogen receptor 1; mER; CEPR; GP _{ER} ; DRY12; FEG-1; GPR30; LERGU; LyGPR; CMKRL2; LERGU2; GPCR-Br; 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 3UTR; lymphocyte-derived G-protein coupled receptor; constitutively expressed peptide-like receptor; flow-induced endothelial G-protein coupled receptor 1;
Entrez Gene ID	2852
Protein Refseq	NP_001035055.1
UniProt ID	A0A024R849
Pathway	Class A/1 (Rhodopsin-like receptors); Estrogen signaling pathway; G alpha (i) signalling events; GPCR ligand binding
Function	G-protein coupled receptor activity; chromatin binding; estrogen receptor activity; mineralocorticoid receptor activity