

Rabbit GPER Polyclonal Antibody | anti-GPER1 antibody

GPER antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201130	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot

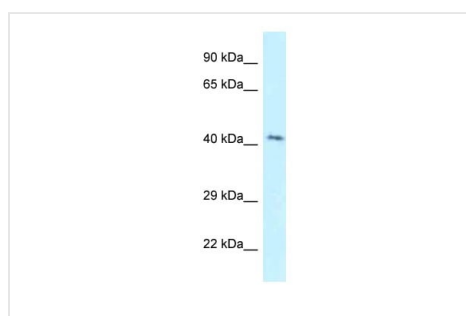
PRODUCT SYNONYMS

GPER; Polyclonal Antibody; GPER antibody - C-terminal region; anti-GPER1 antibody

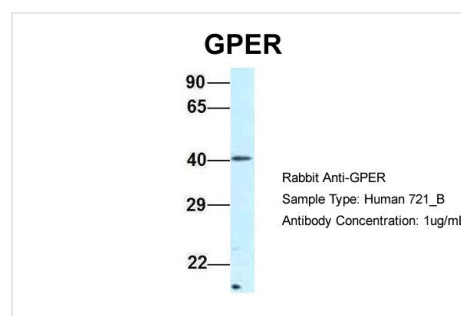
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SF LGETFRDKLR LYIEQKTNLP ALNRFCHAAL KAVIPDSTEQ SDVRFSSA
Sequence Length	375
Applicable Applications for anti-GPER1 antibody	WB (Western Blot)
Homology	Dog: 100%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 93%; Rat: 93%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

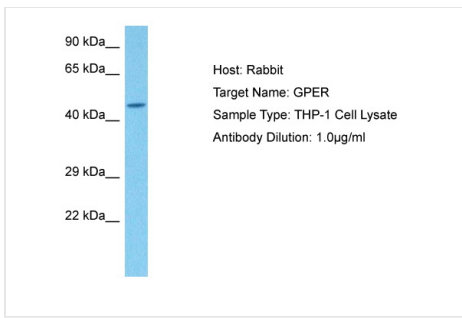
IMAGES


WB (Western Blot)

WB Suggested Anti-GPER Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell


WB (Western Blot)

Host: Rabbit Target Name: GPER Sample Type: Human 721_B Antibody Dilution: 1.0ug/ml GPER1 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

Host: Rabbit
Target Name: GPER
Sample Tissue: Human THP-1 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GPER1 antibody	This is a rabbit polyclonal antibody against GPER. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-GPER1 antibody	Polyclonal; Neurobiology; DNA/RNA/Protein Interactions; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228791
NCBI GeneID	2852
NCBI Accession #	NP_001091671
NCBI GenBank Nucleotide #	NM_001098201
UniProt Accession #	Q99527
Molecular Weight	42kDa
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.