Rabbit PRLHR Polyclonal Antibody | anti-PRLHR antibody

PRLHR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321878	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

PRLHR; Polyclonal Antibody; PRLHR Antibody; G protein coupled receptor 10; G-protein coupled receptor 10; GPR 10; GPR10; GR 3; GR3; hGR 3; hGR3; MGC126539; MGC126541; OTTHUMP00000020584; PRLH RECEPTOR; PRLHR_HUMAN; Prolactin releasing hormone receptor; Prolactin releasing peptide receptor; Prolactin-releasing peptide receptor; PrRP receptor; PrRPR; uhr-1; anti-PRLHR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PRLHR antibody detects endogenous levels of total PRLHR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-PRLHR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRLHR
Subcellular Location	Cell Membrane
Tissue Specificity	Only detected in the pituitary gland and in all cell types of pituitary adenomas.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Dog**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of PRLHR expression in Jurkat cell extract, The lane on the left is treated with the antigen-specific peptide.

IF (Immunofluorescence)
AAA321878 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRLHR antibody	Description: Receptor for prolactin-releasing peptide (PrRP). Implicated in lactation, regulation of food intake and pain-signal processing. Subunit Structure: Interacts through its C-terminal region with the PDZ domain-containing proteins GRIP1, GRIP2 and PICK1. Interacts with PDZ domains 4 and 5 of GRIP1 and with the PDZ domain of PICK1. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758474
NCBI GeneID	2834
NCBI Accession #	NP_004239.1
NCBI GenBank Nucleotide #	NM_004248.2
UniProt Accession #	P49683; O75194; Q502U8; Q5VXR9
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	prolactin-releasing peptide receptor
NCBI Official Synonym Full Names	prolactin releasing hormone receptor
NCBI Official Symbol	PRLHR
NCBI Official Synonym Symbols	GR3; GPR10; PrRPR
NCBI Protein Information	prolactin-releasing peptide receptor
UniProt Protein Name	Prolactin-releasing peptide receptor
UniProt Gene Name	**PRLHR**
UniProt Synonym Gene Names	GPR10; GR3; PrRP receptor; PrRPR

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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