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Rabbit Anti-GPCR RTA/MRGPRF antibody

SL15372R

Product Name:	GPCR RTA/MRGPRF
Chinese Name:	G protein-coupled receptorRTA蛋白抗体
Alias:	GPR140; GPR168; MGC21621; mrgF; MRGPRF; RTA; MRGRF_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GPCR RTA:51-150/343<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MRGF is a 343 amino acid multi-pass membrane protein that functions as an orphan receptor. MRGF belongs to the G-protein coupled receptor 1 family and Mas subfamily, and is thought to have a role in pain sensation and modulation by regulating nociceptor function. The gene encoding MRGF maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary

	angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11. **Function:** Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity). **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Similarity:** Belongs to the G-protein coupled receptor 1 family. Mas subfamily. **SWISS:** Q96AM1 **Gene ID:** 219928 **Database links:** Entrez Gene: 219928 Human Entrez Gene: 211577 Mouse Entrez Gene: 266762 Rat SwissProt: Q96AM1 Human SwissProt: Q8VCJ6 Mouse SwissProt: P23749 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.