G-Biosciences Image not found or type unknown

Immunotag™ PSGR Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3881
Product Description	Immunotag™ PSGR Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PSGR
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from PSGR, at AA range: 190-270
Specificity	PSGR Polyclonal Antibody detects endogenous levels of PSGR protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	OR51E2
Accession No.	Q9H255 O88628
Alternate Names	OR51E2; PSGR; Olfactory receptor 51E2; HPRAJ; Olfactory receptor OR11-16; Prostate-specific G-protein coupled receptor

Antibody Specification

Description	olfactory receptor family 51 subfamily E member 2(OR51E2) Homo sapiens Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Olfactory transduction,
Protein Expression	Prostate,
Subcellular Localization	plasma membrane,integral component of membrane,
Protein Function	function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Exclusively expressed in the prostate. Up-regulated in prostate cancers.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.