

Rabbit Anti-PSGR antibody

SL12076R

Product Name PSGR

Chinese Name 前列腺特异性 G protein-coupled receptor/嗅觉受体 51E2 抗体

Alias HPRAJ; OR52A2; O51E2_HUMAN; Olfactory receptor 51E2; Olfactory receptor family 51 subfamily E member 2; Olfactory receptor family 51 subfamily E member 3 pseudogene; Olfactory receptor Or51e2; OR51E3P; OR52A2; Prostate specific G protein coupled receptor; Prostate-specific G-protein coupled receptor.

Research Area Cell biology Neurobiology Signal transduction Channel protein The cell membrane 受体 G protein-coupled receptor G protein signal

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Cow, Horse, Sheep,)

Applications WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 35kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human PSGR: 151-250/320 <Extracellular>

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response to 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 structure with many neurotransmitter and hormone receptors and are responsible for the recognition and 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]

Function:

Odorant receptor.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Exclusively expressed in the prostate. Up-regulated in prostate cancers.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

**Product
Detail**

SWISS:

Q9H255

Gene ID:

81285

Database links:

[Entrez Gene: 81285](#) Human

[Entrez Gene: 510115](#) Cow

[Entrez Gene: 100328820](#) Rabbit

[Entrez Gene: 170816](#) Rat

[Omim: 611268](#) Human

[SwissProt: Q9H255](#) Human

[SwissProt: O88628](#) Rat

[Unigene: 501758](#) Human



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Unigene: 606330](#) Human

[Unigene: 12541](#) Rat