



PSGR Polyclonal Antibody

Catalog Number PA5-75357

Product Data Sheet

Details		Species Reactivity	
Size	100 µl	Tested species reactivity	Human, Mouse, Rat
Host / Isotype	Rabbit IgG	Tested Applications	Dilution *
Class	Polyclonal	Western Blot (WB)	1:500-1:1000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic peptide corresponding to amino acids 202-250 of Human PSGR.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1mg/mL		
Purification	Antigen affinity chromatography		
Storage Buffer	PBS, pH 7.2		
Contains	0.05% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product Specific Information

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Background/Target Information

PSGR (prostate-specific G-protein coupled receptor), also known as OR51E2 (olfactory receptor 51E2), is a 320 amino acid multi-pass membrane protein that belongs to the olfactory receptor subfamily of G-protein coupled receptors. Expressed exclusively in prostate tissue and upregulated in prostate cancer, PSGR functions as an odorant receptor that binds odorant molecules and triggers the perception of smell.

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