

产品名称: D-GPCR Rabbit Polyclonal Antibody
产品货号: AP Rab09957



产品概述 (Summary)

产品名称 (Production Name)	D-GPCR Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	OR51E1 OR51E1; GPR164; OR51E1P; OR52A3P; POGR; PSGR2; Olfactory receptor 51E1;
别名 (Alternative Names)	D-GPCR; G-protein coupled receptor 164; Olfactory receptor 52A3; Prostate-overexpressed G protein-coupled receptor; Prostate-specific G protein-coupled receptor 2
基因 ID (Gene ID)	143503.0
蛋白 ID (SwissProt ID)	Q8TCB6. The antiserum was produced against synthesized peptide derived from human OR51E1. AA range: 241-290

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 35kDa

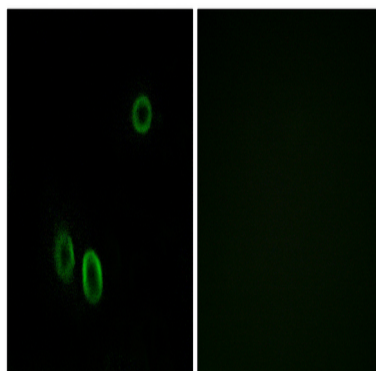
研究背景 (Background)

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],function:Odorant receptor „similarity:Belongs to the G-protein coupled receptor 1 family„tissue specificity:Highly expressed in prostate. Very low levels may be detected in some other tissues, such as placenta, skeletal muscle, heart, ovary and testis. Up-regulated in prostate cancers.,

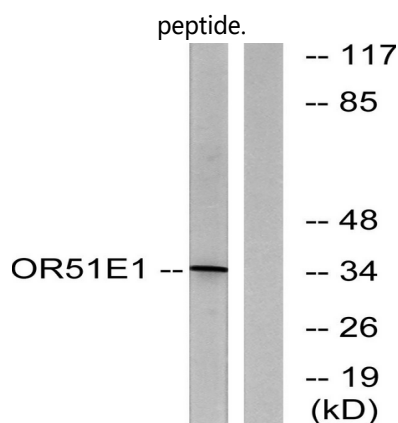
研究领域 (Research Area)

Olfactory transduction;

图片 (Image Data)



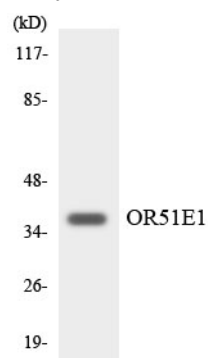
Immunofluorescence analysis of A549 cells, using OR51E1 Antibody. The picture on the right is blocked with the synthesized



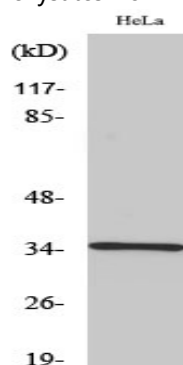
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Western blot analysis of lysates from HeLa cells, using OR51E1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using OR51E1 antibody.



Western Blot analysis of various cells using D-GPCR Polyclonal Antibody

注意事项 (Note)

For research use only .