

产品名称: Olfactory receptor 51B2 Rabbit Polyclonal Antibody
产品货号: APRab15242



产品概述 (Summary)

产品名称 (Production Name)	Olfactory receptor 51B2 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)	OR51B2
别名 (Alternative Names)	OR51B2; OR51B1P; Olfactory receptor 51B2; Odorant receptor HOR5'beta3; Olfactory receptor 51B1
基因 ID (Gene ID)	79345.0
蛋白 ID (SwissProt ID)	Q9Y5P1. The antiserum was produced against synthesized peptide derived from human OR51B2. AA range: 196-245

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	38kDa

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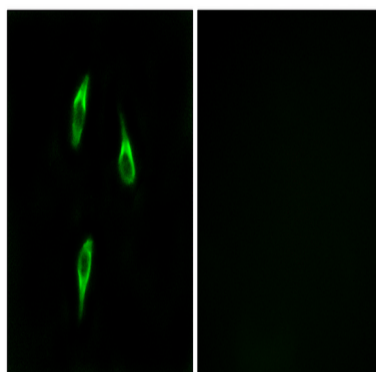
研究背景 (Background)

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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a functionless odorant receptor. Similarity: Belongs to the G-protein coupled receptor 1 family.

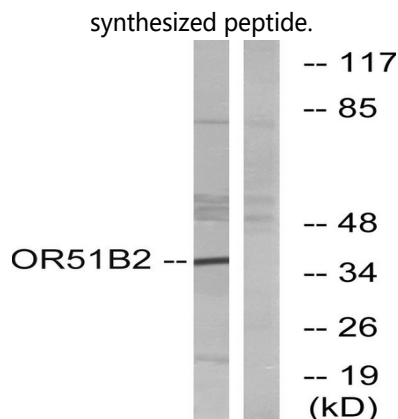
研究领域 (Research Area)

Olfactory transduction;

图片 (Image Data)



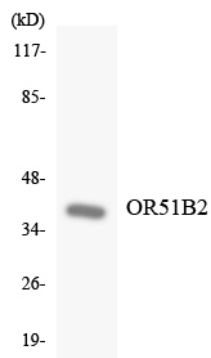
Immunofluorescence analysis of LOVO cells, using OR51B2 Antibody. The picture on the right is blocked with the synthesized peptide.



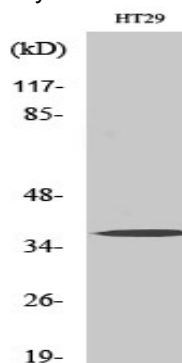
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Western blot analysis of lysates from HT-29 cells, using OR51B2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using OR51B2 antibody.



Western Blot analysis of various cells using Olfactory receptor 51B2 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .