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OR4F17 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16349a

Product Information

Application	WB, E
Primary Accession	Q8NGA8
Other Accession	Q8NH21, Q96R69, NP_001005240.1
Reactivity	Human
Predicted	Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28824
Calculated MW	34212
Antigen Region	61-89

Additional Information

Gene ID	81099
Other Names	Olfactory receptor 4F17, Olfactory receptor 4F11, Olfactory receptor 4F18, Olfactory receptor 4F19, OR4F17, OR4F11P, OR4F18, OR4F19
Target/Specificity	This OR4F17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-89 amino acids from the N-terminal region of human OR4F17.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	OR4F17 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	OR4F17
Synonyms	OR4F11P, OR4F18, OR4F19

Function	Odorant receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein.

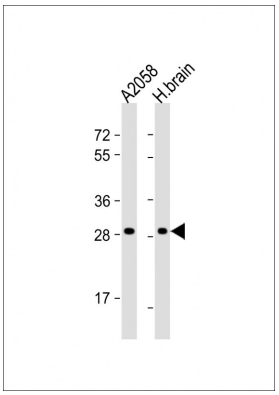
Background

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.

References

Linardopoulou, E., et al. Hum. Mol. Genet. 10(21):2373-2383(2001)
Mefford, H.C., et al. Hum. Mol. Genet. 10(21):2363-2372(2001)
Trask, B.J., et al. Hum. Mol. Genet. 7(1):13-26(1998)

Images



All lanes : Anti-OR4F17 Antibody (N-term) at 1:1000 dilution Lane 1: A2058 whole cell lysate Lane 2: human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.