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Olfactory receptor 4C12 Polyclonal Antibody

Catalog # AP71517

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q96R67
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34491

Additional Information

Gene ID	283093
Other Names	OR4C12; Olfactory receptor 4C12; Olfactory receptor OR11-259
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

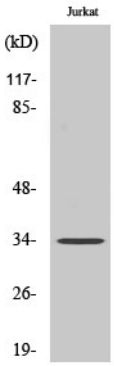
Name	OR4C12
Function	Acts as a receptor for R-(-)-carvone in pancreatic cells, initiating signaling pathways involving GNAS, elevated intracellular Ca(2+), and increased cAMP levels. Upon activation, promotes glucose- stimulated insulin secretion.
Cellular Location	Cell membrane; Multi-pass membrane protein.

Background

Odorant receptor.

Images

Western Blot analysis of various cells using Olfactory receptor 4C12 Polyclonal Antibody



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