

Olfactory receptor 4C12 Polyclonal Antibody Catalog # AP71517

Specification

Olfactory receptor 4C12 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q96R67
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Olfactory receptor 4C12 Polyclonal Antibody - 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

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Olfactory receptor 4C12 Polyclonal Antibody - 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.

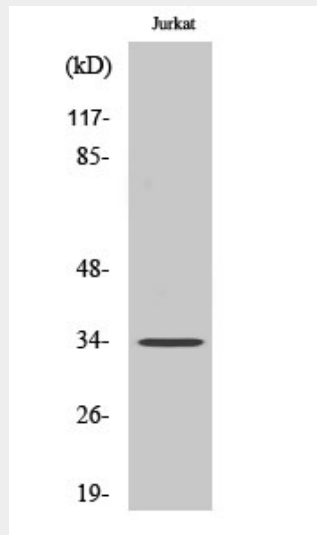
Olfactory receptor 4C12 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Olfactory receptor 4C12 Polyclonal Antibody - Images



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

Olfactory receptor 4C12 Polyclonal Antibody - Background

Odorant receptor.