

For Research Use Only

OR9Q1 Polyclonal antibody, PBS Only

Catalog Number: 24942-1-PBS



Basic Information

Catalog Number:

24942-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13548

GenBank Accession Number:

BC110819

GeneID (NCBI):

219956

UNIPROT ID:

Q8NGQ5

Full Name:

olfactory receptor, family 9,
subfamily Q, member 1

Calculated MW:

310 aa, 35 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

OR9Q1 is a class A olfactory GPCR expressed in olfactory sensory neurons, where it contributes to odor detection through cAMP-mediated signaling. As part of the extensive olfactory receptor repertoire, OR9Q1 participates in the combinatorial encoding of odorant stimuli, supporting sensory discrimination of volatile chemicals. Although specific ligands and disease associations remain largely undefined, genetic variation in OR genes-including OR9Q1-contributes to individual diversity in olfactory perception.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

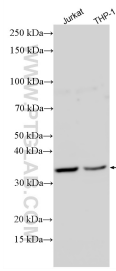
T: 4006900926

E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24942-1-AP (OR9Q1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24942-1-PBS in a different storage buffer formulation.