

For Research Use Only

OR10J5 Polyclonal antibody, PBS Only

Catalog Number:19761-1-PBS



Basic Information

Catalog Number:
19761-1-PBS

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_001004469

GeneID (NCBI):
127385

UNIPROT ID:
Q8NHC4

Full Name:
olfactory receptor, family 10,
subfamily J, member 5

Calculated MW:
34 kDa

Observed MW:
40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

OR10J5 is a class A olfactory GPCR expressed in olfactory sensory neurons, where it likely detects specific volatile odorants and participates in olfactory signal transduction and neuronal targeting. Though primarily active in the olfactory epithelium, OR10J5 shows low-level expression in select non-olfactory tissues and tumors, suggesting potential context-dependent roles beyond chemosensation. Its genomic and structural features place OR10J5 within a conserved human OR cluster with limited but emerging functional annotation.

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:

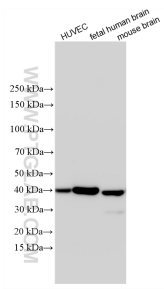
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19761-1-AP (OR1015 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19761-1-PBS in a different storage buffer formulation.