

For Research Use Only

# OR10J5 Polyclonal antibody, PBS Only

Catalog Number:19761-1-PBS



## Basic Information

**Catalog Number:**

19761-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

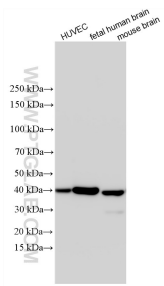
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## Selected Validation Data



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.