



Datasheet for ABIN654850  
**anti-OR9Q1 antibody (C-Term)**



[Go to Product page](#)

3 Images

### Overview

Quantity:	400 µL
Target:	OR9Q1
Binding Specificity:	AA 279-308, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR9Q1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This OR9Q1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-308 amino acids from the C-terminal region of human OR9Q1.
Clone:	RB28506
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	OR9Q1
Alternative Name:	OR9Q1 ( <a href="#">OR9Q1 Products</a> )

## Target Details

---

**Background:** Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

---

**Molecular Weight:** 34757

---

**Gene ID:** 219956

---

**NCBI Accession:** [NP\\_001005212](#)

---

**UniProt:** [Q8NGQ5](#)

## Application Details

---

**Application Notes:** WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

---

**Preservative:** Sodium azide

---

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

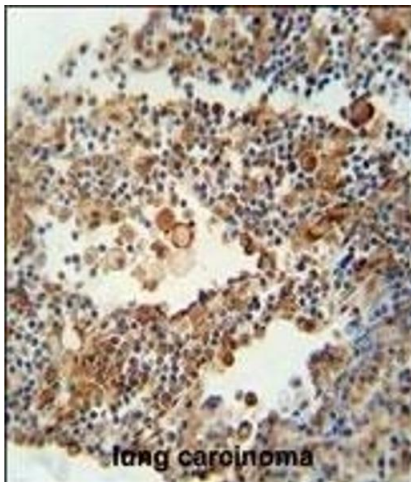
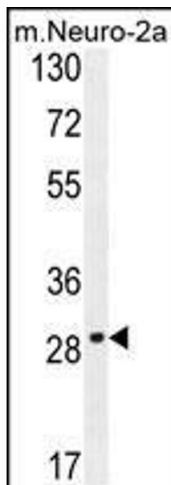
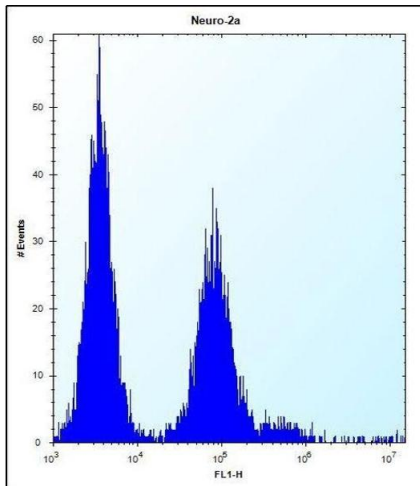
**Storage:** 4 °C,-20 °C

---

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

---

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** OR9Q1 Antibody (C-term) (ABIN654850 and ABIN2844515) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** OR9Q1 Antibody (C-term) (ABIN654850 and ABIN2844515) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the OR9Q1 antibody detected the OR9Q1 protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** OR9Q1 antibody (C-term) (ABIN654850 and ABIN2844515) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR9Q1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.