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Datasheet for ABIN6263810

## anti-OR4N4 antibody

### 3 Images

#### Overview

Quantity:	100 µL
Target:	OR4N4
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4N4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human Olfactory receptor 4N4
Isotype:	IgG
Specificity:	Olfactory receptor 4N4 Antibody detects endogenous levels of total Olfactory receptor 4N4
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	OR4N4
Alternative Name:	Olfactory receptor 4N4 ( <a href="#">OR4N4 Products</a> )
Background:	Description: Odorant receptor.

## Target Details

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Gene: OR4N4

Molecular Weight: 36kDa

Gene ID: 102, 723, 532

UniProt: [Q8N0Y3](#)

## Application Details

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Application Notes: WB 1:1000, IF/ICC 1:100-1:500

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

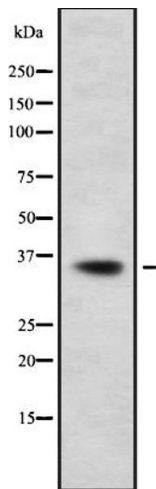
Preservative: Sodium azide

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

Storage: -20 °C

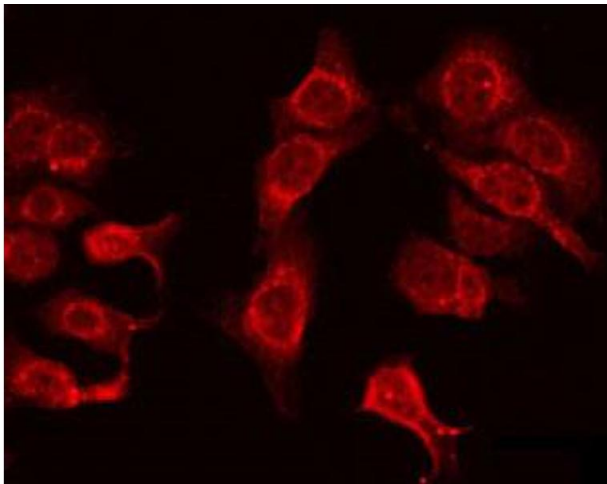
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



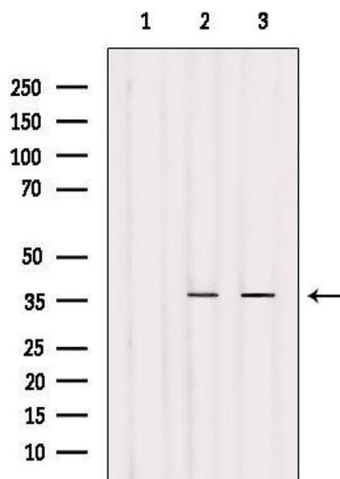
### Western Blotting

**Image 1.** Western blot analysis Olfactory receptor 4N4 using HeLa whole cell lysates



### Immunofluorescence (fixed cells)

**Image 2.** ABIN6272372 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



### Western Blotting

**Image 3.** Western blot analysis of extracts from various samples, using Olfactory receptor 4N4 Antibody. Lane 1: Hela treated with blocking peptide; Lane 2: Hela; Lane 3: B16F10.