

Datasheet for ABIN635349 **anti-OR2AT4 antibody (N-Term)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR2AT4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2AT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	OR2 AT4 antibody was raised using the N terminal of OR2 T4 corresponding to a region with amino acids MDATAACNESVDGSPVFYLLGIPSLPETFFLPVFFIFLLFYLLILMGNALI
Specificity:	OR2 AT4 antibody was raised against the N terminal of OR2 T4
Purification:	Affinity purified

Target Details

Target:	OR2AT4
Alternative Name:	OR2AT4 (OR2AT4 Products)
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

Target Details

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: 35 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: OR2AT4 Blocking Peptide, catalog no. 33R-5822, is also available for use as a blocking control in assays to test for specificity of this OR2AT4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of OR0 T4 antibody in PBS

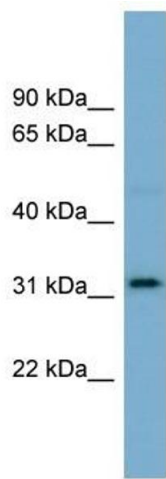
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. OR2AT4 antibody used at 1 ug/ml to detect target protein.