

Datasheet for ABIN635348 **anti-OR2W5 antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	OR2W5
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2W5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	OR2 W5 antibody was raised using the middle region of OR2 5 corresponding to a region with amino acids SGEVPDSSLHHRHSQHQPPLHFEEQGCEGDHEETSGVGERGWGASTRGT
Specificity:	OR2 W5 antibody was raised against the middle region of OR2 5
Purification:	Affinity purified

Target Details

Target:	OR2W5
Alternative Name:	OR2W5 (OR2W5 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: OR2W5 Blocking Peptide, catalog no. 33R-8452, is also available for use as a blocking control in assays to test for specificity of this OR2W5 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of OR0 5 antibody in PBS

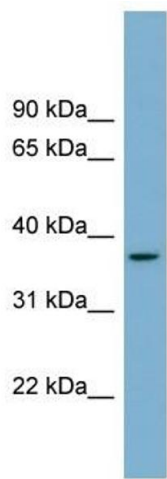
Concentration: Lot specific

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. OR2W5 antibody used at 1 ug/ml to detect target protein.