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## Datasheet for ABIN5517533 **anti-OR3A2 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	OR3A2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Pig, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR3A2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR3A2
Sequence:	SVEGRKKAFS TCGSHLTVVC LFFGRGIFNY MRLGSEEASD KDKGVGVFNT
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR3A2. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	OR3A2
Alternative Name:	OR3A2 ( <a href="#">OR3A2 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.

Alias Symbols: OLFRA04, OR17-14, OR17-228, OR228

Protein Interaction Partner: ALB,

Protein Size: 321

Gene ID: 4995

NCBI Accession: [NM\\_002551](#), [NP\\_002542](#)

UniProt: [P47893](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

**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:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.