



Datasheet for ABIN2791834  
**anti-OR52I2 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	OR52I2
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Rat, Cow, Guinea Pig, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52I2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human OR52I2
Sequence:	SSVVPKMVSI FCSGDSSISF SACFTQMFFV HLATAVETGL LLTMAFDRYV
Predicted Reactivity:	Cow: 79%, Guinea Pig: 77%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against OR52I2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR52I2
Alternative Name:	OR52I2 ( <a href="#">OR52I2 Products</a> )

## Target Details

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**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: OR11-12

Protein Size: 350

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**Molecular Weight:** 38 kDa

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**Gene ID:** 143502

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**NCBI Accession:** [NM\\_001005170](#), [NP\\_001005170](#)

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**UniProt:** [Q8NH67](#)

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## Application Details

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

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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

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**Preservative:** Sodium azide

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

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**Handling Advice:** Avoid repeat freeze-thaw cycles.

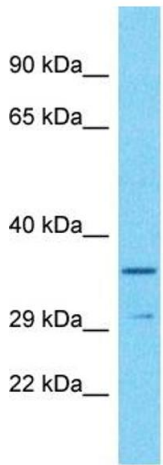
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**Storage:** -20 °C

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**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.

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Host: Rabbit  
Target Name: OR52I2  
Sample Tissue: HT1080 Cell Lysate  
Antibody Dilution: 1.0µg/ml

### Western Blotting

**Image 1.** Host: Rabbit Target Name: OR52I2 Sample Type: HT1080 Whole Cell lysates Antibody Dilution: 1.0ug/ml