



Datasheet for ABIN953919
anti-OR52I2 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	OR52I2
Binding Specificity:	AA 312-341, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52I2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 312-341 amino acids from the C-terminal region of human OR52I2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 52I2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR52I2
Alternative Name:	OR52I2 (OR52I2 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

Target Details

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. Synonyms: Olfactory receptor 52I2

Molecular Weight: 38353 Da

Gene ID: 143502

NCBI Accession: [NP_001005170](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

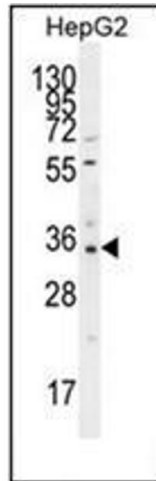
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of OR52I2 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the OR52I2 antibody detected the OR52I2 protein (arrow).