

Datasheet for ABIN953908
anti-OR1J4 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	OR1J4
Binding Specificity:	AA 275-303, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR1J4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 275-303 amino acids from the C-terminal region of human OR1J4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human OR1J4 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR1J4
Alternative Name:	OR1J4 (OR1J4 Products)

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. Synonyms: Olfactory receptor 1J4

Molecular Weight: 34959 Da

Gene ID: 26219

NCBI Accession: [NP_001004452](#)

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

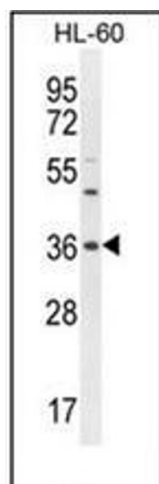
Preservative: Sodium azide

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.

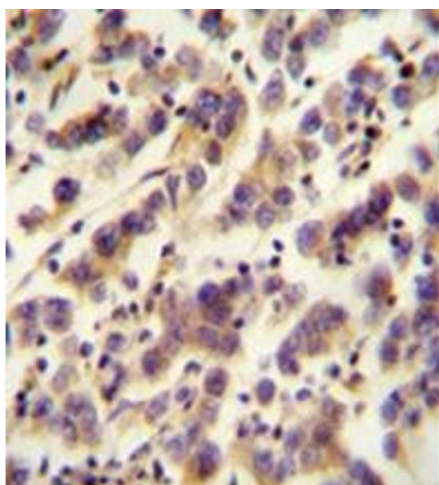
Storage: 4 °C/-20 °C

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 OR1J4 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the OR1J4 antibody detected the OR1J4 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma reacted with OR1J4 Antibody (C-term) followed by DAB staining. This data demonstrates the use of the OR1J4 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.