

Datasheet for ABIN953929
anti-OR7G1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	OR7G1
Binding Specificity:	AA 2-32, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR7G1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 2-32 amino acids from the N-terminal region of human OR7G1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 7G1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR7G1
Alternative Name:	OR7G1 (OR7G1 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 7G1, P

Molecular Weight: 34803 Da

Gene ID: 125962

NCBI Accession: [NP_001005192](#)

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

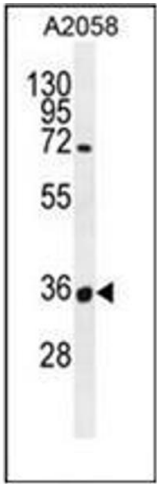
Preservative: Sodium azide

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 OR7G1 Antibody (N-term) in A2058 cell line lysates (35ug/lane). This demonstrates the OR7G1 antibody detected the OR7G1 protein (arrow