

Datasheet for ABIN1881602

anti-OR4S1 antibody (C-Term)**1** Image**1** Publication[Go to Product page](#)

Overview

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|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | OR4S1 |
| Binding Specificity: | AA 282-309, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR4S1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|--|
| Immunogen: | This OR4S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-309 amino acids from the C-terminal region of human OR4S1. |
| Clone: | RB41085 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | OR4S1 |
| Alternative Name: | OR4S1 (OR4S1 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.

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|-------------------|------------------------------|
| Molecular Weight: | 34800 |
| NCBI Accession: | NP_001004725 |
| UniProt: | Q8NGB4 |

Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| 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: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

Publications

| | |
|-------------------|--|
| Product cited in: | Dai, Liu, Liu, Zhang, Wang, Jin, Qian, Wang, Zhao, Wu, Xiong, Chang, Sun, Yang, Hoffman, Liu: "Anti-metastatic Efficacy of Traditional Chinese Medicine (TCM) Ginsenoside Conjugated to a VEGFR-3 Antibody on Human Gastric Cancer in an Orthotopic Mouse Model." in: Anticancer research , Vol. 37, Issue 3, pp. 979-986, (2017) (PubMed). |
| | Irrthum, Karkkainen, Devriendt, Alitalo, Vikkula: "Congenital hereditary lymphedema caused by a |

Publications

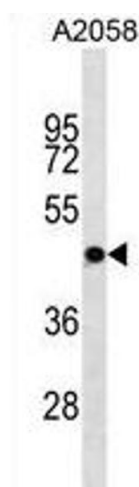
mutation that inactivates VEGFR3 tyrosine kinase." in: **American journal of human genetics**, Vol. 67, Issue 2, pp. 295-301, (2000) ([PubMed](#)).

Galland, Karamysheva, Pebusque, Borg, Rottapel, Dubreuil, Rosnet, Birnbaum: "The FLT4 gene encodes a transmembrane tyrosine kinase related to the vascular endothelial growth factor receptor." in: **Oncogene**, Vol. 8, Issue 5, pp. 1233-40, (1993) ([PubMed](#)).

Pajusola, Aprelikova, Korhonen, Kaipainen, Pertovaara, Alitalo, Alitalo: "FLT4 receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines." in: **Cancer research**, Vol. 52, Issue 20, pp. 5738-43, (1992) ([PubMed](#)).

Galland, Karamysheva, Mattei, Rosnet, Marchetto, Birnbaum: "Chromosomal localization of FLT4, a novel receptor-type tyrosine kinase gene." in: **Genomics**, Vol. 13, Issue 2, pp. 475-8, (1992) ([PubMed](#)).

Images



Western Blotting

Image 1. OR4S1 Antibody (C-term) (ABIN1881602 and ABIN2838742) western blot analysis in cell line lysates (35 µg/lane). This demonstrates the OR4S1 antibody detected the OR4S1 protein (arrow).