

OR2S2 Rabbit Polyclonal Antibody

Catalog No: #54144

Package Size: #54144-1 50ul #54144-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

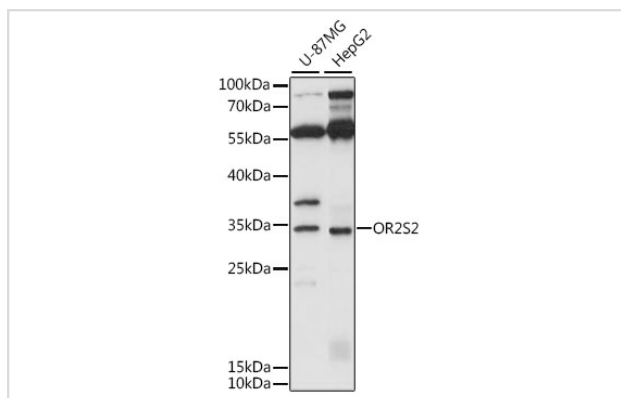
Description

Product Name	OR2S2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human OR2S2 (NP_063950.2).
Other Names	OR2S2;OR37A;OST715
Accession No.	Swiss Prot:Q9NQN1 GenelD:56656
Calculated MW	35kDa
SDS-PAGE MW	35kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:2000 - 1:5000 IHC □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using OR2S2 at 1:1000 dilution.

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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a protein that is

predicted to be non-functional.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.