

Datasheet for ABIN350557 **anti-OLFR73 antibody**



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Overview

Quantity:	500 µg
Target:	OLFR73
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from mouse olfactory receptor family 174, subfamily 9 (MOR174-9) conjugated to an immunogenic carrier protein was used as the antigen.
Isotype:	IgG
Specificity:	Specific for MOR174-9.
Cross-Reactivity:	Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	OLFR73
Alternative Name:	MOR174-9 (OLFR73 Products)
Background:	Known ligands VANILLIN ETHYL VANILLIN EUGENOL ETHYL ETHER 2-METHOXY-4-

Target Details

METHYLPHENOL EUGENYL ACETATE 2-METHOXY-4-ETHYLPHENOL FUNCTION: Putative odorant receptor. SUBCELLULAR LOCATION: Membrane, multi-pass membrane protein. SIMILARITY: Belongs to the G-protein coupled receptor family. 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.<||a href="http://senselab.med.yale.edu/senselab/ordb/"><||/a><||a href="http://www.enzim.hu/hmmtop1.1/server/submit.html"> <||/a>,Mouse Olfactory R,Odorant receptor, Olfactory receptor Olfr73, Olfactory receptor MOR174-9, ORL828. GENE NAME: Olfr73, mOR-EG

UniProt: [Q920P2](#)

Application Details

Application Notes: IHC, WB. A concentration of 10-50 µg/ml recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months