

DNAXPab

Hard-to-Find
Antibody

OR13G1 DNAXPab

Catalog # H00441933-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OR13G1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MNHSVVTEFIILGLTKKPELQGIIFLFFLVYLVAFLGNMLIIIAKIYNNTLHTPMYVLLTLAVVDIICTTSII PKMLGTMLTSENTISYAGCMSQLFLFTWSLGAEMVLFTTMAYDRYVAICFPLHYSTIMNHMCVAL LSMVMAIAVNTSWVHTALIMRLTFCGPNTIDHFFCEIPLLALSCSPVRINEVMVYVADITLAIGDFILT CISYGFIIAILRIRTVEGKRKAFSTCSSHLTVVTLYSPVIYTYIRPASSYTFERDKVVAALYTLVPTL NPMVYSFQNRMQAGIRKVF AFLKH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — OR13G1

Entrez GeneID [441933](#)

GeneBank Accession# [NM_001005487.1](#)

Protein Accession# [NP_001005487.1](#)

Gene Name OR13G1

Gene Alias OR1-37

Gene Description olfactory receptor, family 13, subfamily G, member 1

Omim ID [611677](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 receptor s 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. [provided by RefSeq]

Other Designations OTTHUMP00000038061|olfactory receptor OR1-37

Pathway

- [Olfactory transduction](#)

Disease

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)

- [Hyperlipoproteinemia Type II](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Werner syndrome](#)