

DNAXPab

Hard-to-Find
Antibody

OR4K5 DNAXPab

Catalog # H00079317-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OR4K5 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDKSNSSVVSEFVLLGLCSSQKLQLFYFCFFSVLYTVVLGNLLIILTVTSDTSLHSPMYFLLGNLSF VDICQASFATPKMIADFLSAHETISFSGCIAQIFFIHLFTGGEMVLLVSMAYDRYVAICKPLYVYVIMS RRTCTVLVMISWAVSLVHTLSQLSFTVNLPCGPNVVDSSFFCDLPRVTKLACLDSEYIEILMVNSGIL SLSTFSLLVSSYIILVTVWLKSSAAMAKAFSTLASHIAVVILFFGPCIFYVWPFTISPLDKFLAIFYTVF TPVLNPIIYTLNRDMKAAVRKIVNHYLRPRRISEMSLVVRTSFH
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 — OR4K5

Entrez GeneID [79317](#)**GeneBank Accession#** [NM_001005483.1](#)**Protein Accession#** [NP_001005483.1](#)**Gene Name** OR4K5**Gene Alias** OR14-16**Gene Description** olfactory receptor, family 4, subfamily K, member 5**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 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. [provided by RefSeq]

Other Designations olfactory receptor OR14-16

Pathway

- [Olfactory transduction](#)

Disease

- [Tobacco Use Disorder](#)