







## Olfactory receptor 51G1 Polyclonal Antibody

YP-Ab-13554
IgG
Human;Rat;Mouse;
WB;IF;ELISA
OR51G1
Olfactory receptor 51G1
The antiserum was produced against synthesized peptide derived from human OR51G1. AA range:199-248
Olfactory receptor 51G1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 51G1 protein.
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Polyclonal, Rabbit,IgG
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
1 mg/ml
≥90%
-20°C/1 year
OR51G1; OR51G3P; Olfactory receptor 51G1; Olfactory receptor 51G3; Olfactory receptor OR11-29
36kD
Cell membrane; Multi-pass membrane protein.
function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 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. 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



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allele encoding a

matters needing	1
attention	

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

