

## O2AG1 rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A18708       | Rabbit  | 1 mg/ml         | 34760         |

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | WB   |
| <b>Reactivity</b>            | Human  |
| <b>Dilution</b>              | WB 1: 500-2000   |
| <b>Storage</b>               | -20°C/1 year   |
| <b>Specificity</b>           | This antibody detects endogenous levels of O2AG1 at Human  |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  |
| <b>Immunogen</b>             | Synthesized peptide derived from human O2AG1   |
| <b>Uniprot No</b>            | Q9H205   |
| <b>Alternative names</b>     |  |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Clonality</b>             | Polyclonal   |
| <b>Isotype</b>               | IgG  |
| <b>Conjugation</b>           |  |
| <b>Background</b>            | <p>olfactory receptor family 2 subfamily AG member 1 (gene/pseudogene) (OR2AG1) Homo sapiens 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</p> |
| <b>Other</b>                 | OR2AG1 OR2AG3, O2AG1   |

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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