# Olfactory receptor 5AU1 Polyclonal Antibody

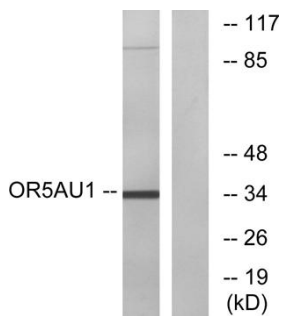| | |
|---|---|
| **Catalog No** | YP-Ab-13586 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB;ELISA |
| **Gene Name** | OR5AU1 |
| **Protein Name** | Olfactory receptor 5AU1 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human OR5AU1. AA range:201-250 |
| **Specificity** | Olfactory receptor 5AU1 Polyclonal Antibody detects endogenous levels of Olfactory receptor 5AU1 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications. |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | |
| **Observed Band** | 35kD |
| **Cell Pathway** | Cell membrane; Multi-pass membrane protein. |
| **Tissue Specificity** | |
| **Function** | function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family., |
| **Background** | 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, Jul 2008], |

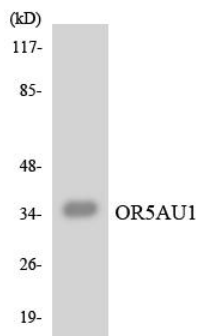| matters needing attention | Avoid repeated freezing and thawing! |
| --- | --- |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images



Western blot analysis of lysates from Jurkat cells, using OR5AU1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using OR5AU1 antibody.