



# Olfactory receptor 2T5/2T29 Polyclonal Antibody

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | BYab-13513  |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Rat;Mouse;  |
| <b>Applications</b>       | WB;IF;ELISA   |
| <b>Gene Name</b>          | OR2T5/OR2T29  |
| <b>Protein Name</b>       | Olfactory receptor 2T5/29   |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human OR2T5/2T29. AA range:66-115   |
| <b>Specificity</b>        | Olfactory receptor 2T5/2T29 Polyclonal Antibody detects endogenous levels of Olfactory receptor 2T5/2T29 protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source</b>             | Polyclonal, Rabbit,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.   |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           | OR2T29; Olfactory receptor 2T29; OR2T5; Olfactory receptor 2T5; Olfactory receptor OR1-62   |
| <b>Observed Band</b>      | 34kD  |
| <b>Cell Pathway</b>       | Cell membrane; Multi-pass membrane protein.   |
| <b>Tissue Specificity</b> |   |
| <b>Function</b>           | function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,   |
| <b>Background</b>         | 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 |

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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**

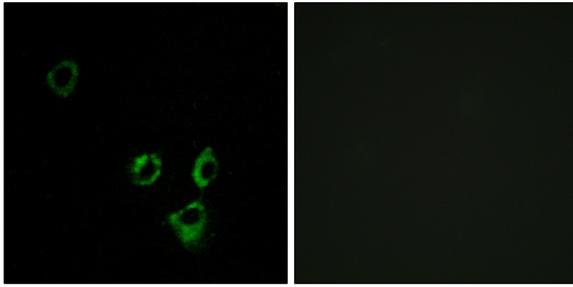
Avoid repeated freezing and thawing!

**Usage suggestions**

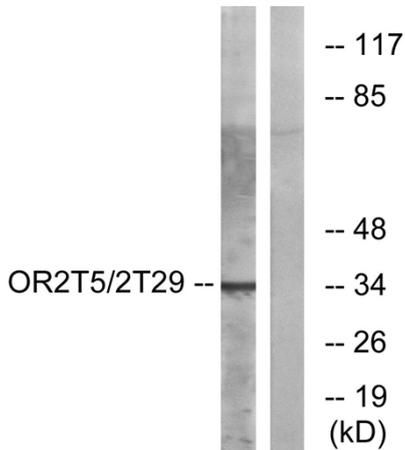
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



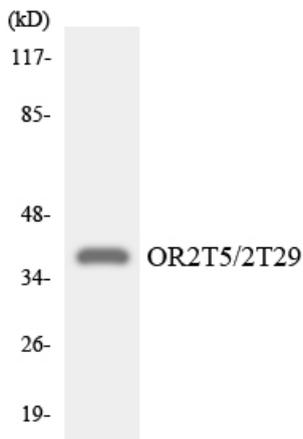
## Products Images



Immunofluorescence analysis of MCF7 cells, using OR2T5/2T29 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using OR2T5/2T29 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using OR2T5/2T29 antibody.