



# Olfactory receptor 10H3/4 Polyclonal Antibody

Catalog No	BYab-13447
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	OR10H3/OR10H4
Protein Name	Olfactory receptor 10H3/4
Immunogen	The antiserum was produced against synthesized peptide derived from human OR10H3/10H4. AA range:234-283
Specificity	Olfactory receptor 10H3/4 Polyclonal Antibody detects endogenous levels of Olfactory receptor 10H3/4 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: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OR10H3; Olfactory receptor 10H3; Olfactory receptor OR19-24; OR10H4; Olfactory receptor 10H4; Olfactory receptor OR19-28
Observed Band	38kD
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

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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],

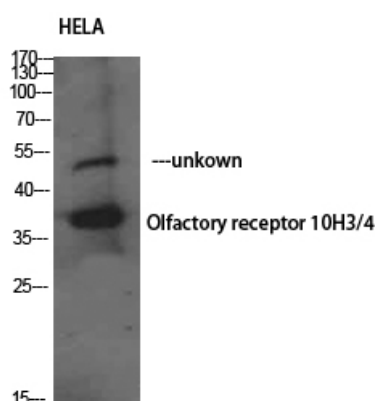
#### matters needing attention

Avoid repeated freezing and thawing!

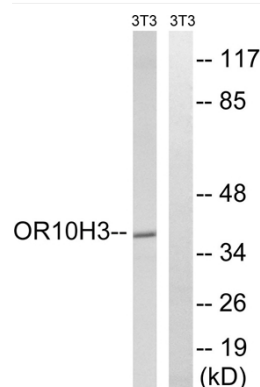
#### Usage suggestions

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

## Products Images



Western Blot analysis of HELA using Olfactory receptor 10H3/4 Polyclonal Antibody. Antibody was diluted at 1:1000



Western blot analysis of lysates from NIH/3T3 cells, using OR10H3/10H4 Antibody. The lane on the right is blocked with the synthesized peptide.

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