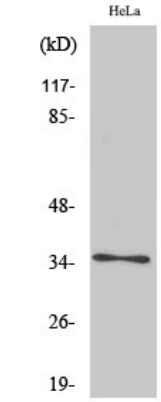
Olfactory receptor 4K14 Polyclonal Antibody

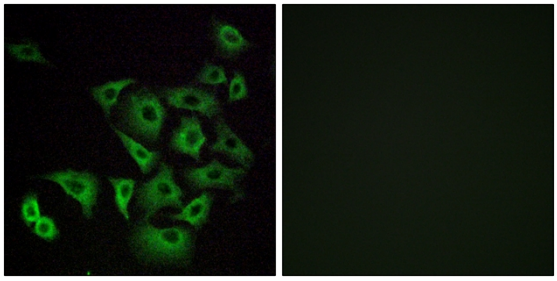
Catalog No	BYab-29630
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	OR4K14
Protein Name	Olfactory receptor 4K14
Immunogen	The antiserum was produced against synthesized peptide derived from human OR4K14. AA range:261-310
Specificity	Olfactory receptor 4K14 Polyclonal Antibody detects endogenous levels of Olfactory receptor 4K14 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. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OR4K14; Olfactory receptor 4K14; Olfactory receptor OR14-22
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.

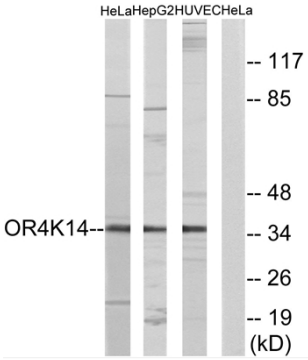
Products Images



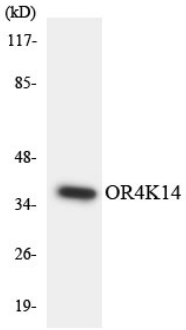
Western Blot analysis of various cells using Olfactory receptor 4K14 Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of A549 cells, using OR4K14 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa, HepG2, and HUVEC cells, using OR4K14 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using OR4K14 antibody.