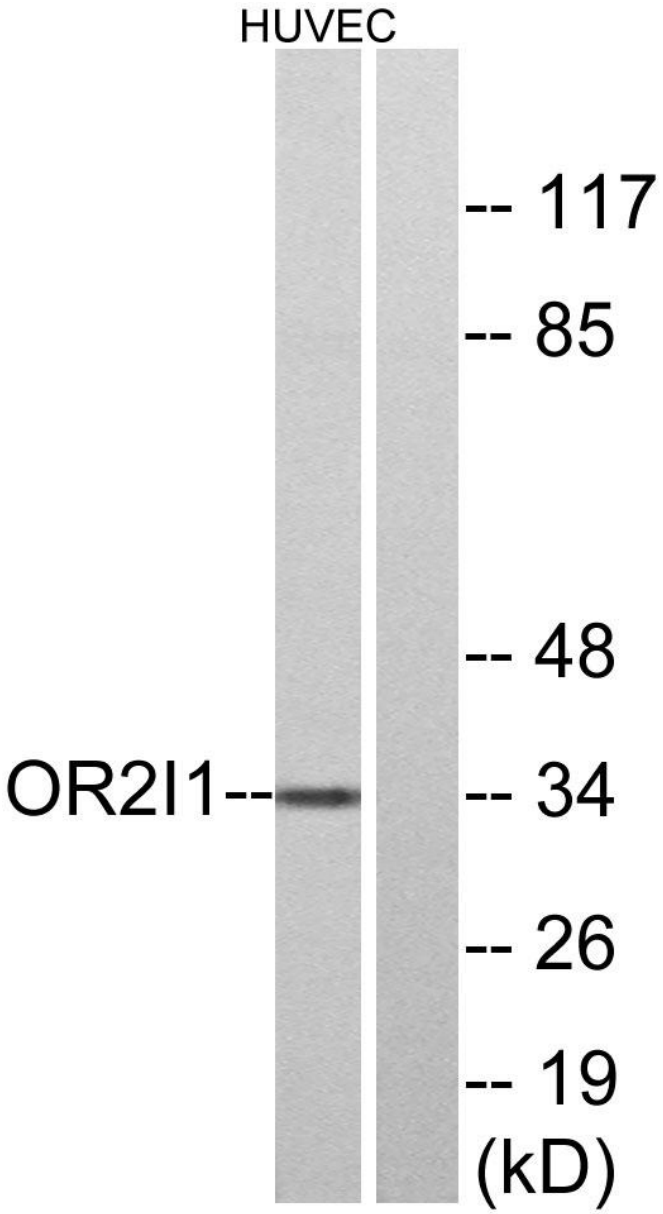
Olfactory receptor 2I1 Monoclonal Antibody

Catalog No	BYmab-13499
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	OR2I1P
Protein Name	Putative olfactory receptor 2I1
Immunogen	The antiserum was produced against synthesized peptide derived from human OR2I1. AA range:261-310
Specificity	Olfactory receptor 2I1 Monoclonal Antibody detects endogenous levels of Olfactory receptor 2I1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OR2I1P; OR2I2; OR2I3P; OR2I4P; Putative olfactory receptor 2I1; Putative olfactory receptor 2I2; Putative olfactory receptor 2I3; Putative olfactory receptor 2I4
Observed Band	34kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	
Function	caution:Could be the product of a pseudogene.,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 2I1 Monoclonal Antibody