



Olfactory receptor 8B4 rabbit pAb

Cat No.:ES5579

For research use only

Overview

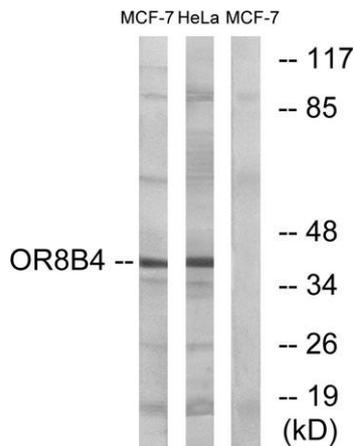
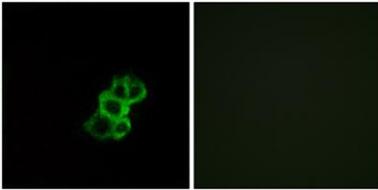
Product Name	Olfactory receptor 8B4 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human OR8B4. AA range:260-309
Specificity	Olfactory receptor 8B4 Polyclonal Antibody detects endogenous levels of Olfactory receptor 8B4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Olfactory receptor 8B4
Gene Name	OR8B4
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	283162
Human Swiss-Prot Number	Q96RC9
Alternative Names	OR8B4; OR8B4P; Olfactory receptor 8B4; Olfactory receptor OR11-315
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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a

Immunofluorescence analysis of MCF7 cells, using OR8B4 Antibody. The picture on the right is blocked with the synthesized peptide.

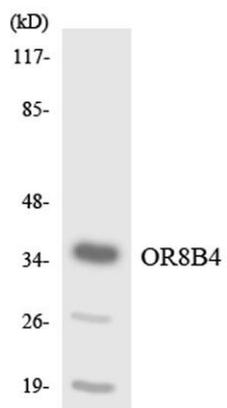


Western blot analysis of lysates from MCF-7 and HeLa cells, using OR8B4 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from Jurkat cells using OR8B4 antibody.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C