



Rabbit Anti-Human OR4E2 Polyclonal Antibody (CABT-B9132)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to Olfactory receptor 4E2.
Specificity	This antibody detects endogenous levels of Olfactory receptor 4E2 protein.
Target	Olfactory receptor 4E2
Immunogen	Synthesized peptide derived from human Olfactory receptor 4E2 (C-terminal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugate	Unconjugated
Applications	IF, ELISA
Molecular Weight	35.466 kDa
Format	Liquid
Concentration	Lot specific
Size	100 µl, 200 µl
Buffer	PBS containing 50% glycerol and 0.5% BSA

Preservative	0.02% Sodium Azide
Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.

BACKGROUND

Introduction	<p>Olfactory receptor 4E2 is a protein that in humans is encoded by the OR4E2 gene.</p> <p>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.</p>
Keywords	OR4E2;olfactory receptor, family 4, subfamily E, member 2;OR14-42;olfactory receptor 4E2;olfactory receptor OR14-42;

GENE INFORMATION

Entrez Gene ID	26686
UniProt ID	Q8NGC2