

Anti-OR52E2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 37 kDa. Actual: 37 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: 293T (Human) Cell Lysate at 30 µg Primary: Anti-OR52E2 (TMAB-09789) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 37 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human OR52E2
Antigen Species:	Human
Gene ID:	119678
Uniprot ID:	Q8NGJ4

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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