

Datasheet for ABIN1886663  
**anti-OR51E1 antibody (AA 79-141)**



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## Overview

Quantity:	100 µL
Target:	OR51E1
Binding Specificity:	AA 79-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR51E1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 79 and 141 of Human OR51E1
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	OR51E1
Alternative Name:	GPR 164 ( <a href="#">OR51E1 Products</a> )
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

## Target Details

	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]
Molecular Weight:	35 kDa
Gene ID:	143503
NCBI Accession:	<a href="#">NM_152430</a> , <a href="#">NP_689643</a>

## Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunohistochemistry: 1.100-1.250
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.