

Datasheet for ABIN2790157
anti-PSGR antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PSGR (OR51E2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSGR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR51E2
Sequence:	VRVVMGDIYL LLPPVINPII YGAKTKQIRT RVLAMFKISC DKDLQAVGGK
Predicted Reactivity:	Dog: 92%, Horse: 85%, Human: 100%, Rabbit: 92%, Rat: 82%
Characteristics:	This is a rabbit polyclonal antibody against OR51E2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PSGR (OR51E2)
Alternative Name:	OR51E2 (OR51E2 Products)

Target Details

Background:	<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> <p>Alias Symbols: OR51E3P, OR52A2, PSGR</p> <p>Protein Size: 320</p>
Molecular Weight:	35 kDa
Gene ID:	81285
NCBI Accession:	NM_030774 , NP_110401
UniProt:	Q9H255

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 320 AA
Restrictions:	For Research Use only

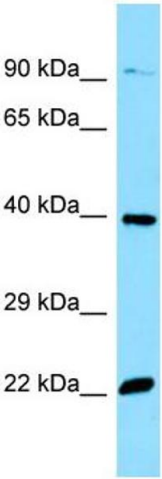
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-OR51E2 Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell