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## anti-OR51I2 antibody (C-Term)





Overview	
Quantity:	100 μL
Target:	OR51I2
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Guinea Pig, Horse, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR51I2 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 OR5112
Sequence:	FFIFLSYVLI LRSVMATASR EERLKALNTC VSHILAVLAF YVPMIGVSTV
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 92%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR51I2. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	OR51I2

### **Target Details**

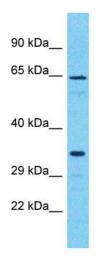
Alternative Name:	OR51I2 (OR51I2 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal respons
	that triggers the perception of a smell. The olfactory receptor proteins are members of a large
	family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactor
	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.
	Alias Symbols: OR11-38
	Protein Size: 312
Molecular Weight:	34 kDa
Gene ID:	390064
NCBI Accession:	NM_001004754, NP_001004754
UniProt:	Q9H344
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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**



Host: Rabbit

Target Name: OR51I2

Sample Tissue: THP-1 Cell Lysate

Antibody Dilution: 1.0µg/ml

#### **Western Blotting**

Image 1. Host: Rabbit Target Name: OR51I2 Sample Type: THP-1 Whole Cell lysates Antibody Dilution: 1.0ug/ml