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# anti-OR6C70 antibody (C-Term)





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Overview	
Quantity:	100 μL
Target:	OR6C70
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit, Horse, Mouse, Rat, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR6C70 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 OR6C70
Sequence:	GSCMFIYIKP SANERVALSK GVTVLNTSVA PLLNPFIYTL RNQQVKQAFK
Predicted Reactivity:	Cow: 85%, Dog: 77%, Guinea Pig: 85%, Horse: 92%, Human: 100%, Mouse: 85%, Rabbit: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against OR6C70. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## **Target Details**

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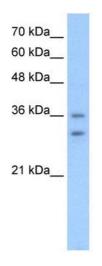
# **Target Details**

Alternative Name:	OR6C70 (OR6C70 Products)
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. 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.
	Protein Size: 312
Molecular Weight:	34 kDa
Gene ID:	390327
NCBI Accession:	NM_001005499, NP_001005499
UniProt:	A6NIJ9
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 312 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

# Handling

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
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-OR6C70 Antibody Titration:2.5ug/ml Positive Control: HepG2 cell lysate