

Datasheet for ABIN2791824
anti-OR51A2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR51A2
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR51A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human OR51A2
Sequence:	LSMLAMSDLG LSLSSLPTVL SIFLFNAPET SSSACFAQEF FIHGFSVLES
Predicted Reactivity:	Dog: 79%, Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against OR51A2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR51A2
Alternative Name:	OR51A2 (OR51A2 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: -</p> <p>Protein Size: 313</p>
Molecular Weight:	34 kDa
Gene ID:	401667
NCBI Accession:	NM_001004748 , NP_001004748
UniProt:	Q8NGJ7

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
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.

Western Blotting

Image 1. Host: Rabbit Target Name: OR51A2 Sample Type: RPMI-8226 Whole Cell lysates Antibody Dilution: 1.0ug/ml

