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# anti-OR4F15 antibody (N-Term)

2 Images



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Overview		
Quantity:	0.4 mL	
Target:	OR4F15	
Binding Specificity:	AA 76-105, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This OR4F15 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 76-105 amino acids from the N-terminal region of human Olfactory receptor 4F15 Genename: OR4F15.	
Isotype:	Ig Fraction	
Specificity:	This antibody recognizes Human Olfactory receptor 4F15 (N-term)	
Purification:	Protein A column, followed by peptide affinity purification	
Target Details		
Target:	OR4F15	
Alternative Name:	Olfactory Receptor 4F15 (OR4F15 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. 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. Synonyms: OR4F15, Olfactory receptor OR15-14

Molecular Weight: 35369 Da

Gene ID: 390649

NCBI Accession: NP\_001001674

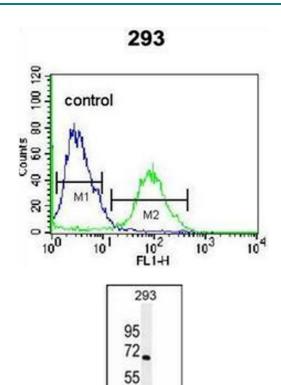
## **Application Details**

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

### Handling

Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative	
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 freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	



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#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of 293 cells using OR4F15 Antibody (N-term) Cat.-No AP53052PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **Western Blotting**

**Image 2.** Western blot analysis of OR4F15 Antibody (Nterm) in 293 cell line lysates (35ug/lane). This demonstrates the OR4F15 antibody detected the OR4F15 protein (arrow).