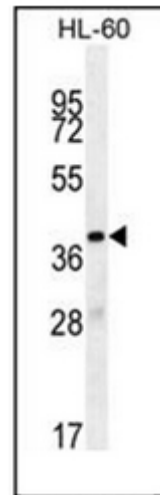


**AP53011PU-N****Polyclonal Antibody to Olfactory receptor 10J5 (C-term) - Aff - Purified**

<b>Alternate names:</b>	OR10J5, Olfactory receptor OR1-28
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q8NHC4</a>
<b>NCBI:</b>	<a href="#">NP_001004469</a>
<b>GeneID:</b>	<a href="#">127385</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 250-278 amino acids from the C-terminal region of human OR10J5
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Protein A column, followed by peptide affinity purification <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human OR10J5 (C-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 34401 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Yang, Q., et al. BMC Med. Genet. 8 SUPPL 1, S12 (2007) Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004) Gilad, Y., et al. Am. J. Hum. Genet. 73(3):489-501(2003)

**Pictures:**

Western blot analysis of OR10J5 Antibody (C-term) Cat.-No AP53011PU-N in HL-60 cell line lysates (35ug/lane). This demonstrates the OR10J5 antibody detected the OR10J5 protein (arrow).



Flow cytometric analysis of HL-60 cells using OR10J5 Antibody (C-term) Cat.-No AP53011PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

