

Datasheet for ABIN655367
anti-OR2B11 antibody (C-Term)

3 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | OR2B11 |
| Binding Specificity: | AA 248-276, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR2B11 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|--|
| Immunogen: | This OR2B11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the C-terminal region of human OR2B11. |
| Clone: | RB29492 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | OR2B11 |
| Alternative Name: | OR2B11 (OR2B11 Products) |

Target Details

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.

Molecular Weight: 35342

Gene ID: 127623

NCBI Accession: [NP_001004492](#)

UniProt: [Q5JQS5](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

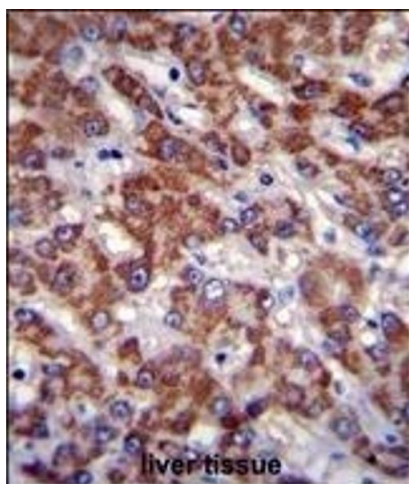
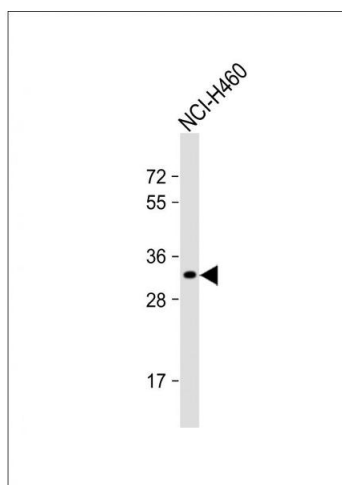
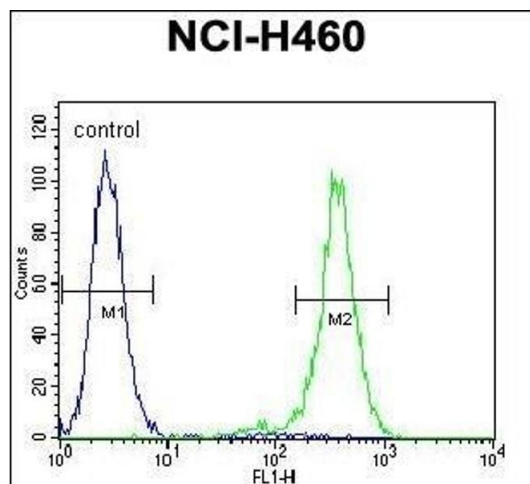
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. OR2B11 Antibody (C-term) (ABIN655367 and ABIN2844924) flow cytometric analysis of NCI- cells (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. Anti-OR2B11 Antibody (C-term) at 1:1000 dilution + NCI- whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa. Blocking/Dilution buffer: 5 % NFDm/TBST.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. OR2B11 Antibody (C-term) (ABIN655367 and ABIN2844924) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of OR2B11 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.