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Datasheet for ABIN655018
anti-OR5L2 antibody (N-Term)

2 Images

Overview

| | |
|----------------------|------------------------------------------------------------------------------------|
| Quantity: | 400 µL |
| Target: | OR5L2 |
| Binding Specificity: | AA 62-90, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR5L2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | This OR5L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human OR5L2. |
| Clone: | RB28836 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--------------------------------------------------------------------------------------------------|
| Target: | OR5L2 |
| Alternative Name: | OR5L2 (OR5L2 Products) |
| Background: | Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response |

Target Details

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.

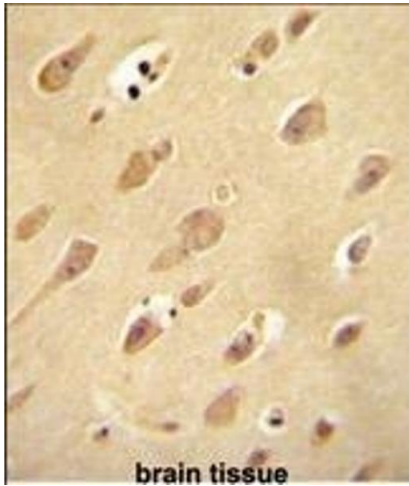
| | |
|-------------------|------------------------------|
| Molecular Weight: | 34682 |
| Gene ID: | 26338 |
| NCBI Accession: | NP_001004739 |
| UniProt: | Q8NGL0 |

Application Details

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|--------------------|-----------------------------|
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100 |
| Restrictions: | For Research Use only |

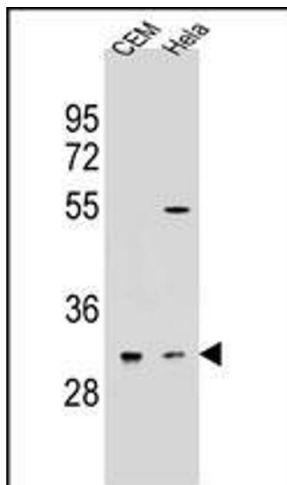
Handling

| | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. OR5L2 antibody (N-term) (ABIN655018 and ABIN2844650) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the OR5L2 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. OR5L2 Antibody (N-term) (ABIN655018 and ABIN2844650) western blot analysis in CEM,HeLa cell line lysates (35 µg/lane).This demonstrates the OR5L2 antibody detected the OR5L2 protein (arrow).