

A17133

Leader in Biomolecular Solutions for Life Science



## OR10H3 Rabbit pAb

Catalog No.: A17133

### Basic Information

#### Observed MW

36kDa

#### Calculated MW

36kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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.

### Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

### Immunogen Information

#### Gene ID

26532

#### Swiss Prot

O60404

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human OR10H3 (NP\_039227.1).

#### Synonyms

OR10H3

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

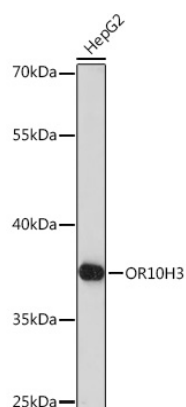
Affinity purification

#### Storage

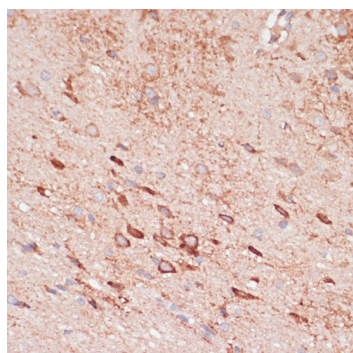
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

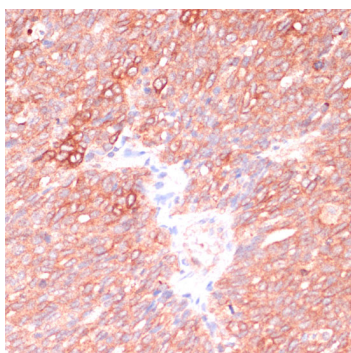
## Validation Data



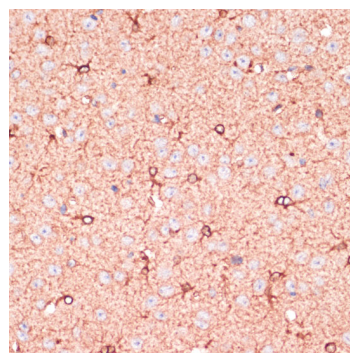
Western blot analysis of lysates from HepG2 cells, using OR10H3 Rabbit pAb (A17133) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 5min.



Immunohistochemistry analysis of OR10H3 in paraffin-embedded rat brain using OR10H3 Rabbit pAb (A17133) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of OR10H3 in paraffin-embedded human oophoroma using OR10H3 Rabbit pAb (A17133) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of OR10H3 in paraffin-embedded mouse brain using OR10H3 Rabbit pAb (A17133) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.