



# O10X1 rabbit pAb

Cat No.:ES11664

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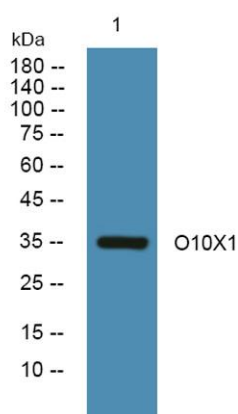
## Overview

|                          |  |
|--------------------------|--|
| Product Name             | O10X1 rabbit pAb   |
| Host species             | Rabbit   |
| Applications             | WB;ELISA   |
| Species Cross-Reactivity | Human;Rat;Mouse;   |
| Recommended dilutions    | WB 1:500-2000 ELISA 1:5000-20000   |
| Immunogen                | Synthesized peptide derived from human protein .<br>at AA range: 190-270   |
| Specificity              | O10X1 Polyclonal Antibody detects endogenous<br>levels of protein.   |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and<br>0.02% sodium azide.   |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| Protein Name             | Olfactory receptor 10X1 (Olfactory receptor OR1-14)  |
| Gene Name                | OR10X1 OR10X1P   |
| Cellular localization    | Cell membrane; Multi-pass membrane protein.  |
| Purification             | The antibody was affinity-purified from rabbit<br>antiserum by affinity-chromatography using<br>epitope-specific immunogen.  |
| Clonality                | Polyclonal   |
| Concentration            | 1 mg/ml  |
| Observed band            | 35kD   |
| Human Gene ID            | 128367   |
| Human Swiss-Prot Number  | Q8NGY0   |
| Alternative Names        |  |
| Background               | Olfactory receptors interact with odorant molecules<br>in the nose, to initiate a neuronal response that<br>triggers the perception of a smell. The olfactory<br>receptor proteins are members of a large family of<br>G-protein-coupled receptors (GPCR) arising from<br>single coding-exon genes. Olfactory receptors share<br>a 7-transmembrane domain structure with many<br>neurotransmitter and hormone receptors and are<br>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. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°over night

