

**ANOS1 / Anosmin Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14828****Specification**

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**ANOS1 / Anosmin Antibody (Internal) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | ICC, IF, WB, IHC       |
| Primary Accession | <a href="#">P23352</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 76kDa KDa              |

**ANOS1 / Anosmin Antibody (Internal) - Additional Information****Gene ID** 3730**Other Names**

Anosmin-1, Adhesion molecule-like X-linked, Kallmann syndrome protein, KAL1, ADMLX, KAL, KALIG1

**Target/Specificity**

Human KAL1 / Anosmin.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

ANOS1 / Anosmin Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**ANOS1 / Anosmin Antibody (Internal) - Protein Information****Name** ANOS1 ([HGNC:6211](#))**Synonyms** ADMLX, KAL, KAL1, KALIG1**Function**

Has a dual branch-promoting and guidance activity, which may play an important role in the patterning of mitral and tufted cell collaterals to the olfactory cortex (By similarity). Chemoattractant for fetal olfactory epithelial cells.

**Cellular Location**

Cell membrane; Peripheral membrane protein. Secreted. Note=Proteolytic cleavage may release it from the cell surface into the extracellular space

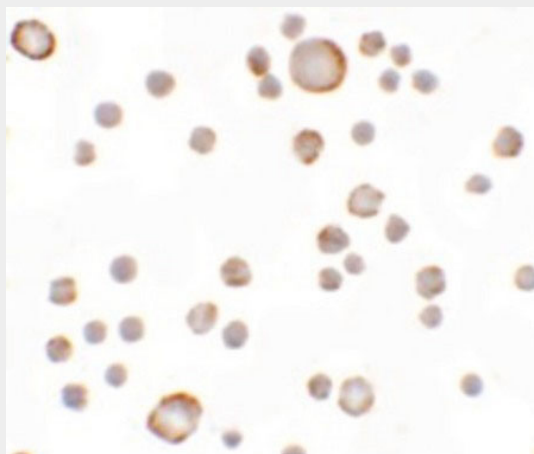
**Tissue Location**

Expressed in the cerebellum (at protein level).

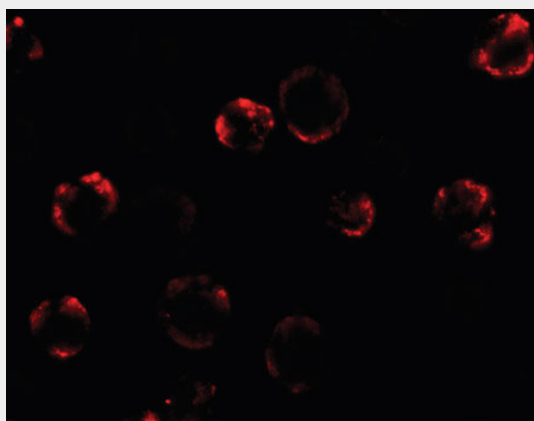
**ANOS1 / Anosmin Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

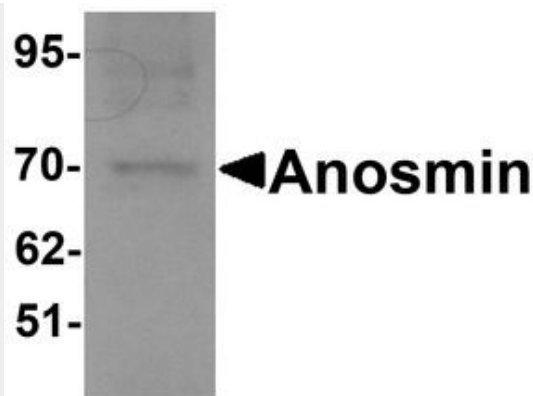
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ANOS1 / Anosmin Antibody (Internal) - Images**

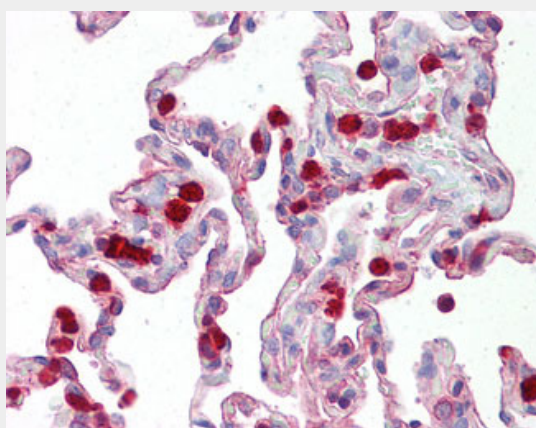
Immunocytochemistry of Anosmin in MCF7 cells with Anosmin antibody at 5 ug/ml.



Immunofluorescence of Anosmin in MCF7 cells with Anosmin antibody at 20 ug/ml.



Western blot analysis of Anosmin in MCF7 cell lysate with Anosmin antibody at 1 ug/ml.



Anti-KAL1 / Anosmin antibody IHC of human lung.

#### **ANOS1 / Anosmin Antibody (Internal) - Background**

Has a dual branch-promoting and guidance activity, which may play an important role in the patterning of mitral and tufted cell collaterals to the olfactory cortex (By similarity).  
Chemoattractant for fetal olfactory epithelial cells.

#### **ANOS1 / Anosmin Antibody (Internal) - References**

Legouis R.,et al.Cell 67:423-435(1991).  
del Castillo I.,et al.Nat. Genet. 2:305-310(1992).  
Franco B.,et al.Nature 353:529-536(1991).  
Ross M.T.,et al.Nature 434:325-337(2005).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.