

**KAL1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19170a****Specification**

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**KAL1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P23352](#)**KAL1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3730**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**KAL1 Antibody (N-term) Blocking Peptide - 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).

**KAL1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KAL1 Antibody (N-term) Blocking Peptide - Images**

#### **KAL1 Antibody (N-term) Blocking Peptide - Background**

Mutations in this gene cause the X-linked Kallmannsyndrome. The encoded protein is similar in sequence to proteins known to function in neural cell adhesion and axonal migration. In addition, this cell surface protein is N-glycosylated and may have anti-protease activity.

#### **KAL1 Antibody (N-term) Blocking Peptide - References**

Dode, C., et al. Ann. Endocrinol. (Paris) 71(3):149-157(2010) Tengara, S., et al. J. Dermatol. Sci. 58(1):64-71(2010) Jian, B., et al. Cell Cycle 8(22):3770-3776(2009) Tang, K.F., et al. Asian J. Androl. 11(6):711-715(2009) Hu, Y., et al. J. Biol. Chem. 284(43):29905-29920(2009)