

KAL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19170a**Specification**

KAL1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P23352
Other Accession	NP_000207.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	76112
Antigen Region	166-194

KAL1 Antibody (N-term) - Additional Information**Gene ID** 3730**Other Names**

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

Target/Specificity

This KAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-194 amino acids from the N-terminal region of human KAL1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KAL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KAL1 Antibody (N-term) - 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

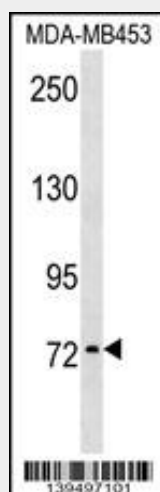
Expressed in the cerebellum (at protein level).

KAL1 Antibody (N-term) - 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](#)

KAL1 Antibody (N-term) - Images



KAL1 Antibody (N-term) (Cat. #AP19170a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the KAL1 antibody detected the KAL1 protein (arrow).

KAL1 Antibody (N-term) - Background

Mutations in this gene cause the X-linked Kallmann syndrome. 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) - 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)