Product Name: KALIG-1 Rabbit Polyclonal Antibody
Catalog #: APRab12890

Summary

Production Name	KALIG-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KAL1
Alternative Names	KAL1; ADMLX; KAL; KALIG1; Anosmin-1; Adhesion molecule-like X-linked; Kallmann syndrome protein
Gene ID	3730.0
SwissProt ID	P23352.The antiserum was produced against synthesized peptide derived from human KAL1. AA range:151-200

Application

Dilution Ratio	WB 1：500-2000
Molecular Weight	76kD

Background

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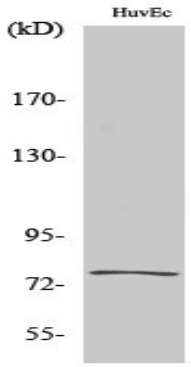
Mutations in this gene cause the X-linked Kallmann syndrome. The encoded protein is similar in sequence to proteins known to function in neural cell adhesion and axonal migration. In addition, this cell surface protein is N-glycosylated and may have anti-protease activity. [provided by RefSeq, Jul 2008],disease:Defects in KAL1 are the cause of Kallmann syndrome type 1 (KAL1) [MIM:308700]; also known as hypogonadotropic hypogonadism and anosmia. Anosmia or hyposmia is related to the absence or hypoplasia of the olfactory bulbs and tracts. Hypogonadism is due to deficiency in gonadotropin-releasing hormone and probably results from a failure of embryonic migration of gonadotropin-releasing hormone-synthesizing neurons. In some patients other developmental anomalies can be present, which include renal agenesis, cleft lip and/or palate, selective tooth agenesis, and bimanual synkinesis. In some cases anosmia may be absent or inconspicuous.,function:May be an adhesion-like molecule with anti-protease activity.,PTM:N-glycosylated.,similarity:Contains 1 WAP domain.,similarity:Contains 4 fibronectin type-III domains.,

Research Area

Image Data



Western Blot analysis of various cells using KALIG-1 Polyclonal Antibody

Note

For research use only.