Product Data Sheet:
KALIG-1 Rabbit Polyclonal Antibody

Cat. No:	ABN12890
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human KAL1. AA range:151-200
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight:	76kDa
Purification:	Affinity purification
Synonyms:	KAL1; ADMLX; KAL; KALIG1; Anosmin-1; Adhesion molecule-like X-linked; Kallmann syndrome protein
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. [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.,
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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