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KAL1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KAL1.
Catalog # AT2588a

Product Information

Application	WB, E
Primary Accession	P23352
Other Accession	NM_000216
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2E9
Calculated MW	76112

Additional Information

Gene ID	3730
Other Names	Anosmin-1, Adhesion molecule-like X-linked, Kallmann syndrome protein, KAL1, ADMLX, KAL, KALIG1
Target/Specificity	KAL1 (NP_000207, 548 a.a. ~ 657 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	KAL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

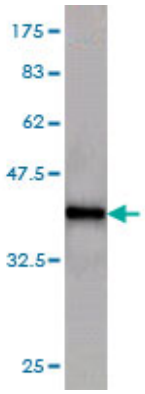
Background

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.

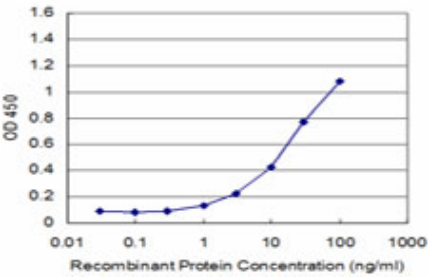
References

1.Keratinocyte-derived anosmin-1, an extracellular glycoprotein encoded by the X-linked Kallmann syndrome gene, is involved in modulation of epidermal nerve density in atopic dermatitis.Tengara S, Tominaga M, Kamo A, Taneda K, Negi O, Ogawa H, Takamori K.J Dermatol Sci. 2010 Apr;58(1):64-71. Epub 2010 Feb 20.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged KAL1 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.