10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KAL1 Antibody (monoclonal) (M01)

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

Specification

KAL1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	P23352
Other Accession	NM_000216
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**76112**

KAL1 Antibody (monoclonal) (M01) - 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.

KAL1 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides

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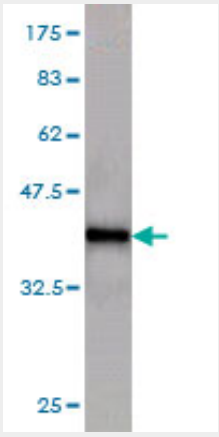
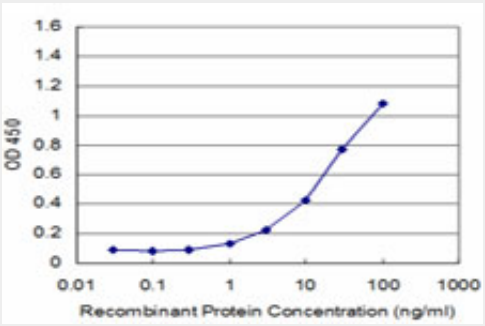
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KAL1 Antibody (monoclonal) (M01) - 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.

KAL1 Antibody (monoclonal) (M01) - 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 (monoclonal) (M01) - 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.