

Anti-KISS1 Antibody (N-Term)

Catalog Number: M00689

About KISS1

Metastasis suppressor protein in malignant melanomas and in some breast cancers. May regulate events downstream of cell- matrix adhesion, perhaps involving cytoskeletal reorganization. Generates a C-terminally amidated peptide, metastin which functions as the endogenous ligand of the G-protein coupled receptor GPR54. Activation of the receptor inhibits cell proliferation and cell migration, key characteristics of tumor metastasis. Kp-10 is a decapeptide derived from the primary translation product, isolated in conditioned medium of first trimester trophoblast. Kp-10, but not other kisspeptins, increased intracellular Ca(2+) levels in isolated first trimester trophoblasts. Kp-10 is a paracrine/endocrine regulator in fine- tuning trophoblast invasion generated by the trophoblast itself. The receptor is also essential for normal gonadotropin-released hormone physiology and for puberty. The hypothalamic KISS1/GPR54 system is a pivotal factor in central regulation of the gonadotropic axis at puberty and in adulthood.

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Overview

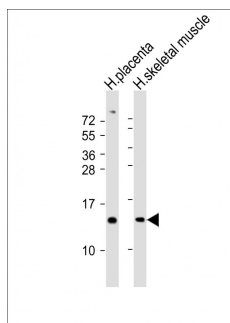
Product Name	Anti-KISS1 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-KISS1 Antibody (N-Term) (Catalog # M00689). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q15726

Technical Details

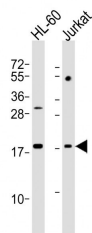
Immunogen	This KISS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 20-52 amino acids from human KISS1.
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Predicted Reactive Species	Bovine, Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:500 IHC-P: 1:25

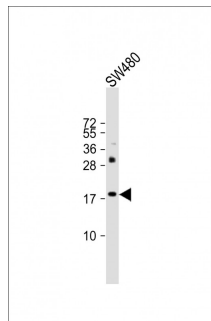
Anti-KISS1 Antibody (N-Term) (M00689) Images



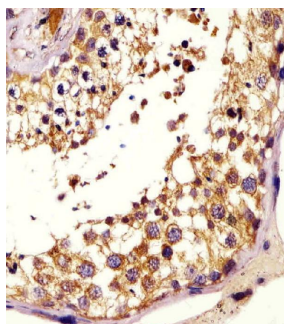
All lanes : Anti-KISS1 Antibody (N-Term) at 1:2000 dilution
Lane 1: human placenta lysates
Lane 2: human skeletal muscle lysates
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-KISS1 Antibody (N-Term) at 1:2000 dilution
Lane 1: HL-60 whole cell lysates
Lane 2: Jurkat whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-KISS1 Antibody (N-Term) at 1:500 dilution + SW480 whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



M00689 staining KISS1 in human testis tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

[Anti-KISS1 Antibody \(N-Term\)](#)

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