

KISS1 antibody

Catalog No: #38524



Package Size: #38524-1 50ul #38524-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

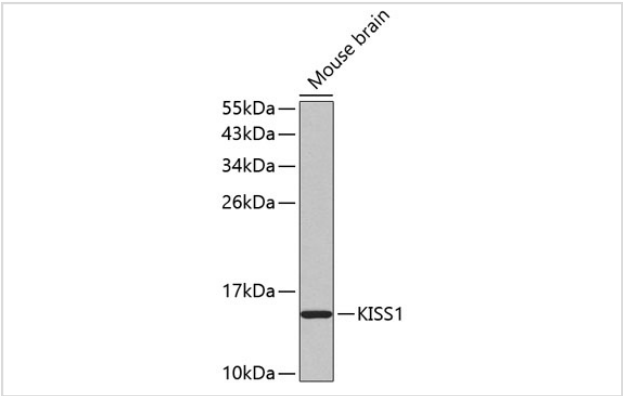
Description

Product Name	KISS1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total KISS1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human KISS1.
Target Name	KISS1
Other Names	HH13; KiSS-1
Accession No.	Swiss-Prot#: Q15726NCBI Gene ID: 3814
Uniprot	Q15726
GeneID	3814;
SDS-PAGE MW	15kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

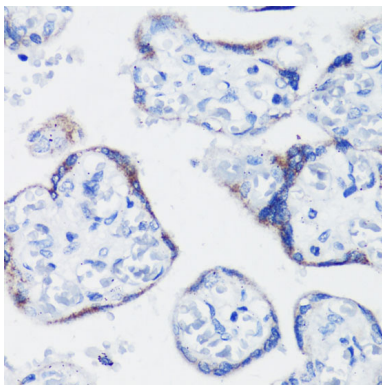
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

Images



Western blot analysis of extracts of mouse brain, using KISS1



Immunohistochemistry of paraffin-embedded human placenta using KISS1 at dilution of 1:200 (40x lens).

Background

This gene is a metastasis suppressor gene that suppresses metastases of melanomas and breast carcinomas without affecting tumorigenicity. The encoded protein may inhibit chemotaxis and invasion and thereby attenuate metastasis in malignant melanomas. Studies suggest a putative role in the regulation of events downstream of cell-matrix adhesion, perhaps involving cytoskeletal reorganization. A protein product of this gene, kisspeptin, stimulates gonadotropin-releasing hormone (GnRH)-induced gonadotropin secretion and regulates the pubertal activation of GnRH neurons. A polymorphism in the terminal exon of this mRNA results in two protein isoforms. An adenosine present at the polymorphic site represents the third position in a stop codon. When the adenosine is absent, a downstream stop codon is utilized and the encoded protein extends for an additional seven amino acid residues.

Note: This product is for in vitro research use only