KISS1 Antibody

Catalog No: #36939

Orders: order@signalwayantibody.com
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Description

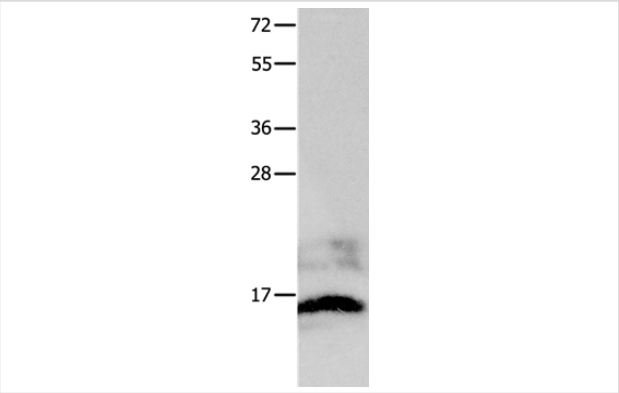
Product Name	KISS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KISS1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human KiSS-1 metastasis-suppressor
Target Name	KISS1
Other Names	HH13; KiSS-1
Accession No.	Swiss-Prot#: Q15726NCBI Gene ID: 3814Gene Accssion: NP_002247
Uniprot	Q15726
GeneID	3814;
SDS-PAGE MW	15kd
Concentration	0.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

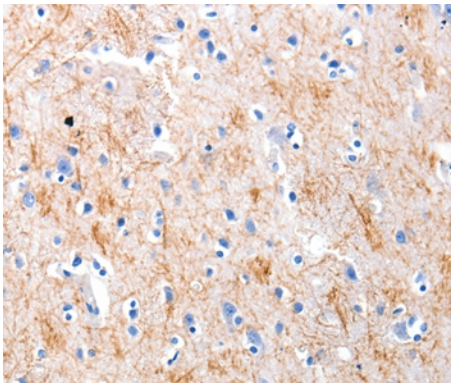
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:5-1:20

Images



Gel: 12%SDS-PAGE
Lysates (from left to right): Mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/100 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human brian tissue using #36939 at dilution 1/5.

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 nuerons. 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