

KiSS-1 Polyclonal Antibody

CATALOG NO:	3590-30T	30 µg (Trial size)
	3590-100	100 µg
CONCENTRATION:	0.5 mg/ml	
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 17 of mouse KiSS-1	
INTERNAL ID:	BV-96	

FORMULATION:
0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03%, ProClin®.

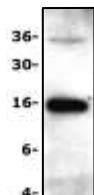
SPECIES REACTIVITY: Human, Mouse, Rat

STORAGE CONDITIONS:
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:
KiSS-1 has been reported to suppress metastases of melanomas and breast carcinomas without affecting tumorigenicity. Human KiSS-1 transcripts are predominately expressed in the brain and placenta. Expression of KiSS-1 reduces the level of NFκB p50/p65 binding to the MMP9 promoter and correlates with diminished expression of the 92 kDa type IV collagenase (MMP-9). KiSS-1 may regulate events downstream of cell-matrix adhesion in mechanisms involving cytoskeletal reorganization.

SPECIFICITY:
The antibody recognizes 16 kDa human KiSS-1 in Western blot analysis with Jurkat cell lysate. Blocking peptide (Cat.No. 3590BP-50) is available separately.

APPLICATION:
The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate can be used as a positive control.



Cat. No. 3590-100
Western Blot Analysis of KiSS-1 expression with Jurkat Cell Lysate

RELATED PRODUCTS:

- Apoptosis Detection Kits & Reagents
 - Annexin V Kits & Bulk Reagents
 - Caspase Assay Kits & Reagents
 - Mitochondrial Apoptosis Kits & Reagents
 - Nuclear Apoptosis Kits & Reagents
 - Apoptosis Inducers and Set
 - Apoptosis siRNA Vectors
- Cell Fractionation System
 - Mitochondria/Cytosol Fractionation Kit
 - Nuclear/Cytosol Fractionation Kit
 - Membrane Protein Extraction Kit
 - Cytosol/Particulate Rapid Separation Kit
 - Mammalian Cell Extraction Kit
 - FractionPREP Fractionation System
- Cell Proliferation & Senescence
 - Quick Cell Proliferation Assay Kit
 - Senescence Detection Kit
 - High Throughput Apoptosis/Cell Viability Assay Kits
 - LDH-Cytotoxicity Assay Kit
 - Bioluminescence Cytotoxicity Assay Kit
 - Live/Dead Cell Staining Kit
- Cell Damage & Repair
 - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
 - HAT Colorimetric Assay Kit & Reagents
 - DNA Damage Quantification Kit
 - Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits
- Signal Transduction
 - cAMP & cGMP Assay Kits
 - Akt & JNK Activity Assay Kits
 - Beta-Secretase Activity Assay Kit
- Adipocyte & Lipid Transfer
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 - CETP Activity Assay & Drug Discovery Kits
 - PLTP Activity Assay & Drug Discovery Kits
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- Molecular Biology & Reporter Assays
 - siRNA Vectors
 - Cloning Insert Quick Screening Kit
 - Mitochondrial & Genomic DNA Isolation Kits
 - 5 Minutes DNA Ligation Kit
 - 20 Minutes Gel Staining/Destaining Kit
 - □-Galactosidase Staining Kit & Luciferase Reporter Assay Kit
- Growth Factors and Cytokines
- Monoclonal and Polyclonal Antibodies

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