

SETD2 antibody

Catalog No: #38633

Package Size: #38633-1 50ul #38633-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

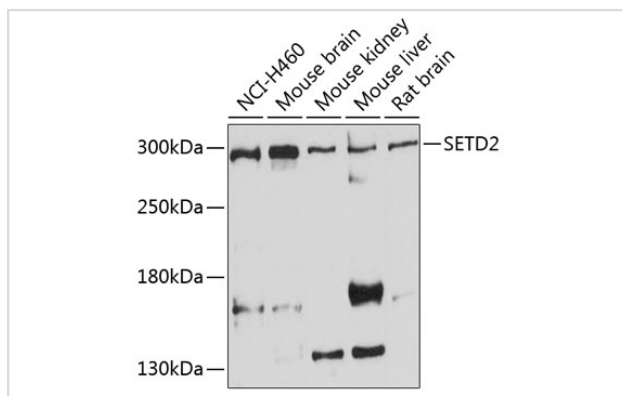
Description

Product Name	SETD2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SETD2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SETD2.
Target Name	SETD2
Other Names	HYPB; SET2; HIF-1; HIP-1; KMT3A; HBP231; HSPC069; p231HBP;
Accession No.	Swiss-Prot#: Q9BYW2NCBI Gene ID: 29072
Uniprot	Q9BYW2
GeneID	29072;
SDS-PAGE MW	287kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

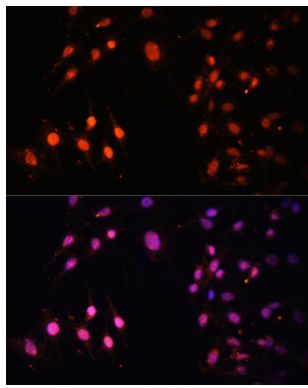
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

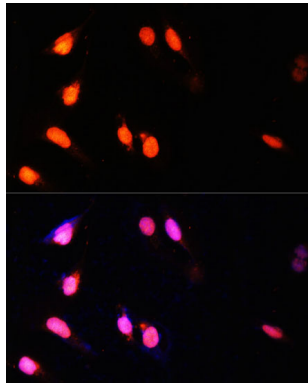
Images



Western blot analysis of extracts of various cell lines, using SETD2 at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using SETD2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using SETD2 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Background

Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein belonging to a class of huntingtin interacting proteins characterized by WW motifs. This protein is a histone methyltransferase that is specific for lysine-36 of histone H3, and methylation of this residue is associated with active chromatin. This protein also contains a novel transcriptional activation domain and has been found associated with hyperphosphorylated RNA polymerase II.

Note: This product is for in vitro research use only