

SETD2 Rabbit Polyclonal Antibody



CAB3194

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

300kDa

Calculated MW:

175kDa/192kDa/287kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

29072

Uniprot

Q9BYW2

Synonyms:

SETD2; HBP231; HIF-1; HIP-1; HSPC069; HYPB; KMT3A; LLS; SET2; p231HBP

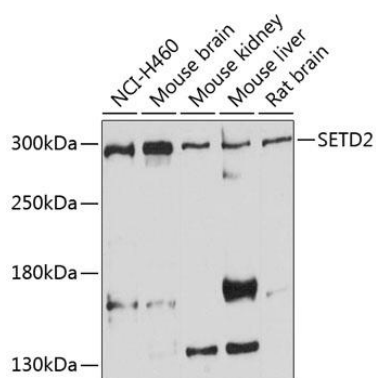
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 803-1103 of human SETD2 (NP_054878.5).

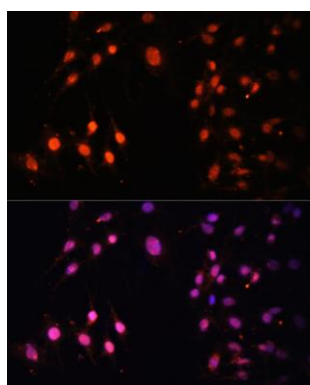
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

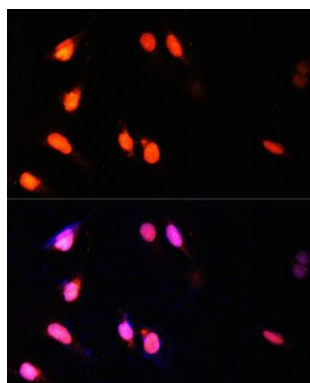
Product Images



Western blot analysis of extracts of various cell lines, using SETD2 antibody (CAB3194) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of C6 cells using SETD2 Polyclonal Antibody (CAB3194) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using SETD2 Polyclonal Antibody (CAB3194) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.