

**SETD2 polyclonal antibody**

Catalog: BS7519

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

288KDa

**Swiss-Prot:**

Q9BYW2

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200|IP,1:50 - 1:200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

Polyclonal Antibodies

**DATA:**

Western blot analysis of extracts of Mouse spleen, using SETD2 antibody at 1:913 dilution.<br/>Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.<br/>Lysates/proteins: 25ug per lane.<br/>Blocking buffer: 3% nonfat dry milk in TBST.<br/>Detection: ECL Basic Kit .<br/>Exposure time: 90s.

Immunofluorescence analysis of C6 cells using SETD2 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

Immunofluorescence analysis of U-2 OS cells using SETD2 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 600ug extracts of Mouse spleen using 3ug SETD2 antibody . Western blot was performed from the immunoprecipitate using SETD2 antibody at a dilution of 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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