

# SETD2 Rabbit pAb

Catalog No.: A11757

## Basic Information

### Observed MW

288kDa

### Calculated MW

175kDa/192kDa/287kDa

### Category

Primary antibody

### Applications

WB

### Cross-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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

29072

### Swiss Prot

Q9BYW2

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 803-1103 of human SETD2 (NP\_054878.5).

### Synonyms

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

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

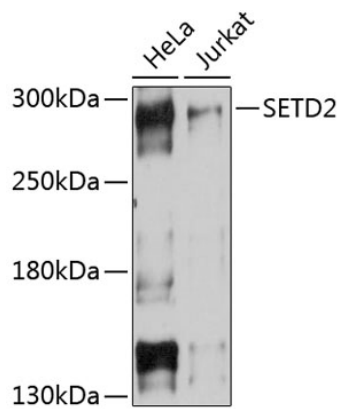
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of extracts of various cell lines, using SETD2 Antibody (A11757) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 15s.