

Rabbit SETD2 Polyclonal Antibody | anti-SETD2 antibody

SETD2 Polyclonal Antibody

CATALOG # AAA37251	HOST Rabbit	APPLICATIONS Immunofluorescence, Western Blot
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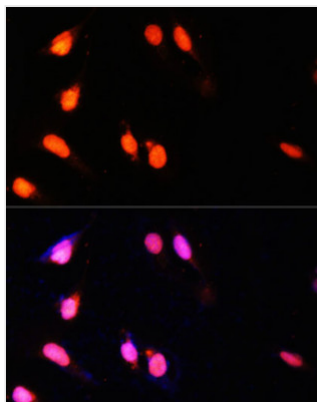
PRODUCT SYNONYMS

SETD2; Polyclonal Antibody; SETD2 Polyclonal Antibody; HYPB; SET2; HIF-1; HIP-1; KMT3A; HBP231; HSPC069; p231HBP; anti-SETD2 antibody

PRODUCT SPECIFICATIONS

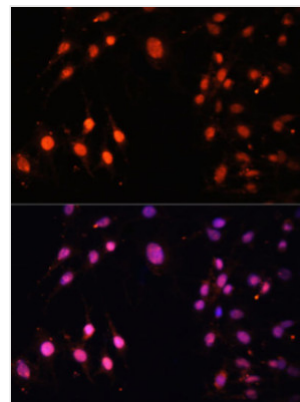
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	2564
Applicable Applications for anti-SETD2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion containing a sequence corresponding to amino acids 803-1103 of human SETD2 (NP_054878.5)
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20 °C. Avoid freeze / thaw cycles.

IMAGES



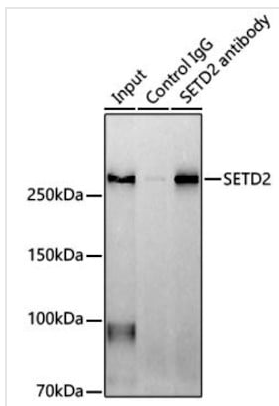
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using SETD2 Polyclonal Antibody (AAA37251) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



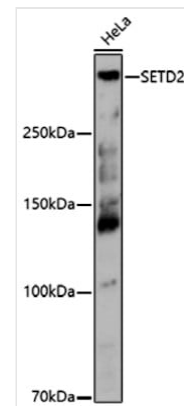
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using SETD2 Polyclonal Antibody (AAA37251) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



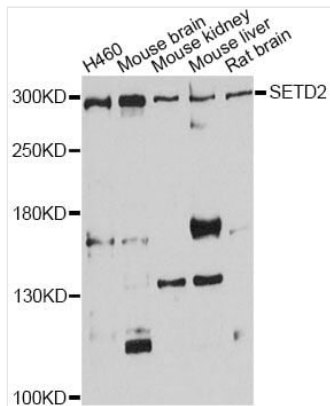
IP (Immunoprecipitation)

Immunoprecipitation analysis of 600ug extracts of Mouse spleen using 3ug SETD2 antibody (AAA37251). Western blot was performed from the immunoprecipitate using SETD2 antibody (AAA37251) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using SETD2 antibody (AAA37251) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-SETD2 antibody

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 Categories/Family for anti-SETD2 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	296452963
NCBI GeneID	29072
UniProt Accession #	Q9BYW2; O75397; O75405; Q17RW8; Q5BKS9; Q5QGN2; Q69YI5; Q6IN64; Q6ZN53; Q6ZS25; Q8N3R0; Q8TCN0
Molecular Weight	Observed MW: 288KDa Calculated MW: 175kDa/192kDa/287kDa
NCBI Official Full Name	Histone-lysine N-methyltransferase SETD2

NCBI Official Synonym Full Names	SET domain containing 2
NCBI Official Symbol	SETD2
NCBI Official Synonym Symbols	HYPB; SET2; HIF-1; HIP-1; KMT3A; HBP231; HSPC069; p231HBP
NCBI Protein Information	histone-lysine N-methyltransferase SETD2; huntingtin yeast partner B; lysine N-methyltransferase 3A; huntingtin interacting protein 1; huntingtin-interacting protein B
UniProt Protein Name	Histone-lysine N-methyltransferase SETD2
UniProt Gene Name	SETD2
UniProt Synonym Gene Names	HIF1; HYPB; KIAA1732; KMT3A; SET2; HIP-1; hSET2
UniProt Entry Name	SETD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/setd2-antibody-immunofluorescence-western-blot-elisa/37251>