



# Human SETD2 blocking peptide (CDBP1534)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HYPB/SETD2 (C Terminus) antibody
Antigen Description	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. [provided by RefSeq, Aug 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

Gene Name	<a href="#">SETD2 SET domain containing 2 [ Homo sapiens (human) ]</a>
Official Symbol	SETD2
Synonyms	SETD2; SET domain containing 2; HYPB; SET2; HIF-1; HIP-1; KMT3A; HBP231; HSPC069;

p231HBP; histone-lysine N-methyltransferase SETD2; huntingtin yeast partner B; lysine N-methyltransferase 3A; huntingtin interacting protein 1; huntingtin-interacting protein B;

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<b>Entrez Gene ID</b>	<a href="#">29072</a>
<b>mRNA Refseq</b>	<a href="#">NM_014159.6</a>
<b>Protein Refseq</b>	<a href="#">NP_054878.5</a>
<b>UniProt ID</b>	Q9BYW2
<b>Chromosome Location</b>	3p21.31
<b>Pathway</b>	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
<b>Function</b>	histone-lysine N-methyltransferase activity; histone-lysine N-methyltransferase activity; protein binding;

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