

## Product datasheet for **TA342447**

### SETD2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SETD2 antibody: synthetic peptide directed towards the N terminal of human SETD2. Synthetic peptide located within the following region: SDEDSVRTSSSQRSHDLKFSASIEKERDFKKSSAPLKSEDLGKPSRSKTD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	97 kDa
Gene Name:	SET domain containing 2
Database Link:	<a href="#">NP_054878</a> <a href="#">Entrez Gene 29072 Human</a> <a href="#">Q9BYW2</a>
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. [provided by RefSeq, Aug 2008]



[View online »](#)

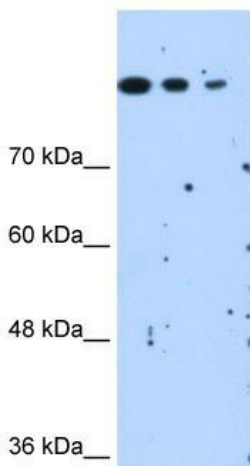
**Synonyms:** HBP231; HIF-1; HIP-1; HSPC069; HYPB; KMT3A; LLS; p231HBP; SET2

**Note:** Immunogen Sequence Homology: Human: 100%; Dog: 86%; Horse: 86%; Rat: 85%; Mouse: 83%; Bovine: 79%

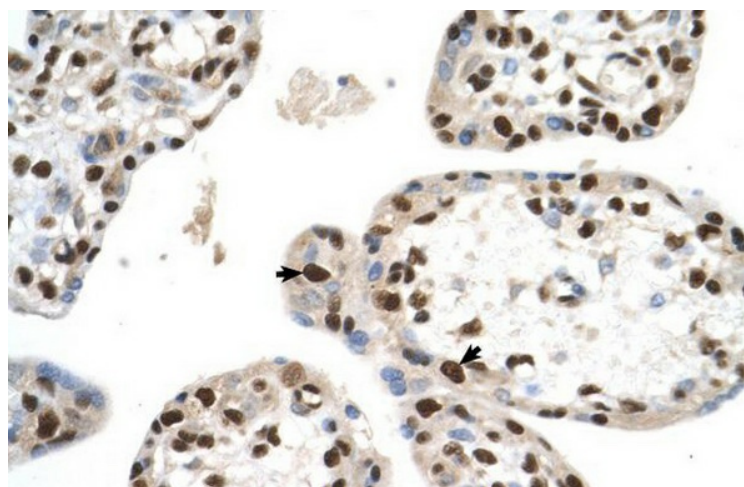
**Protein Families:** Druggable Genome

**Protein Pathways:** Lysine degradation

**Product images:**



Human HepG2 cells SETD2 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



SETD2 antibody - N-terminal region validated by IHC using Human Placenta lysate at 4.0-8.0.