

Setd5 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13013**Specification**

Setd5 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q5XJV7
Other Accession	NM_028385 , NP_082661
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	157kDa KDa

Setd5 Antibody - C-terminal region - Additional Information**Gene ID** 72895**Alias Symbol** 2900045N06Rik, C330007C20, C85544, FLJ10707, MGC90828, mKIAA1757**Other Names**

SET domain-containing protein 5, Setd5, Kiaa1757

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Setd5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Setd5 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Setd5 Antibody - C-terminal region - Protein Information**Name** Setd5 {ECO:0000303|PubMed:27864380, ECO:0000312|MGI:MGI:1920145}**Function**

Chromatin regulator required for brain development: acts as a regulator of RNA elongation rate, thereby regulating neural stem cell (NSC) proliferation and synaptic transmission (PubMed:30455454, PubMed:31515109). May act by mediating trimethylation of 'Lys-36' of histone H3 (H3K36me3), which is essential to allow on-time RNA elongation dynamics (PubMed:31515109)

target="_blank">31515109). Also monomethylates 'Lys-9' of histone H3 (H3K9me1) in vitro (PubMed:22939622). The relevance of histone methyltransferase activity is however subject to discussion (PubMed:27864380, PubMed:30455454).

Cellular Location

Nucleus. Chromosome. Note=Localizes to active transcribed genes.

Tissue Location

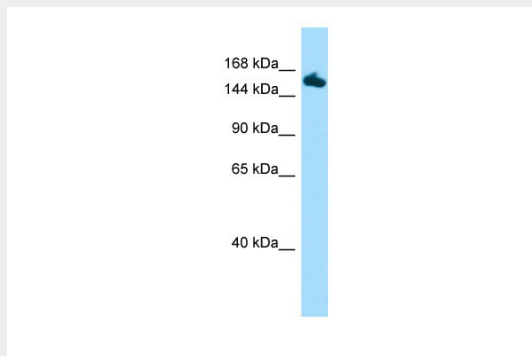
Ubiquitously expressed.

Setd5 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Setd5 Antibody - C-terminal region - Images



Host: Rabbit

Target Name: Setd5

Sample Tissue: Mouse Stomach lysates

Antibody Dilution: 1.0µg/ml

Setd5 Antibody - C-terminal region - References

Okazaki N.,et al.DNA Res. 10:35-48(2003).

Carninci P.,et al.Science 309:1559-1563(2005).

Villen J.,et al.Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007).