

**SOX30 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10327****Specification****SOX30 antibody - middle region - Product Information**

Application	WB
Primary Accession	<a href="#">O94993</a>
Other Accession	<a href="#">NM_178424</a> , <a href="#">NP_848511</a>
Reactivity	Human, Mouse, Rat, Pig, Horse, Yeast, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82kDa KDa

**SOX30 antibody - middle region - Additional Information****Gene ID** 11063**Other Names**

Transcription factor SOX-30, SOX30

**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-SOX30 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**

SOX30 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**SOX30 antibody - middle region - Protein Information****Name** SOX30**Function**

Acts both as a transcriptional activator and a repressor (PubMed:<a href="http://www.uniprot.org/citations/10359848" target="\_blank">10359848</a>, PubMed:<a href="http://www.uniprot.org/citations/29739711" target="\_blank">29739711</a>). Binds to the DNA sequence 5'-ACAAT- 3' and shows a preference for guanine residues surrounding this core motif (PubMed:<a href="http://www.uniprot.org/citations/10359848" target="\_blank">10359848</a>). Binds to its own promoter and activates its own transcription (By similarity). Required to activate the expression of postmeiotic genes involved in spermiogenesis (By similarity). Binds to the promoter region of CTNNB1 and represses its

transcription which leads to inhibition of Wnt signaling (PubMed:<a href="http://www.uniprot.org/citations/29739711" target="\_blank">29739711</a>). Also inhibits Wnt signaling by binding to the CTNNB1 protein, preventing interaction of CTNNB1 with TCF7L2/TCF4 (PubMed:<a href="http://www.uniprot.org/citations/29739711" target="\_blank">29739711</a>).

#### Cellular Location

Nucleus. Cytoplasm Note=Enriched at the chromocenter. {ECO:0000250|UniProtKB:Q8CGW4}

#### SOX30 antibody - middle 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](#)

