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SOX30 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10327

Specification

SOX30 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O94993
Other Accession	NM_178424, NP_848511
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:10359848, PubMed:29739711). Binds to the DNA sequence 5'-ACAAT- 3' and shows a preference for guanine residues surrounding this core motif (PubMed:10359848). 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:29739711). Also inhibits Wnt signaling by binding to the CTNNB1 protein, preventing interaction of CTNNB1 with TCF7L2/TCF4 (PubMed:29739711).

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 Cytomety
- Cell Culture