

**Goat Anti-DMRT2 Antibody (C Terminus)**  
**Purified Goat Polyclonal Antibody**  
**Catalog # AF4168a**

**Specification**

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**Goat Anti-DMRT2 Antibody (C Terminus) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9Y5R5</a>
Other Accession	<a href="#">226049(mouse)</a> , <a href="#">309430(rat)</a> , <a href="#">NP_006548.1</a> , <a href="#">NP_870987.2</a>
Reactivity	Human
Predicted	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	61814

**Goat Anti-DMRT2 Antibody (C Terminus) - Additional Information**

**Gene ID** 10655

**Other Names**

DMRT2; doublesex and mab-3 related transcription factor 2; OTTHUMP00000020964;  
OTTHUMP00000020965; OTTHUMP00000020966; OTTHUMP00000020967; terra-like protein

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  
Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

Peptide with sequence C-KRPSSAITRVSQ, from the C Terminus of the protein sequence according to NP\_006548.1; NP\_870987.2.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-DMRT2 Antibody (C Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-DMRT2 Antibody (C Terminus) - Protein Information**

**Name** DMRT2

**Synonyms** DSXL2

### Function

Transcriptional activator that directly regulates early activation of the myogenic determination gene MYF5 by binding in a sequence-specific manner to the early epaxial enhancer element of it. Involved in somitogenesis during embryogenesis and somite development and differentiation into sclerotome and dermomyotome. Required for the initiation and/or maintenance of proper organization of the sclerotome, dermomyotome and myotome (By similarity).

### Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00070}.

### Tissue Location

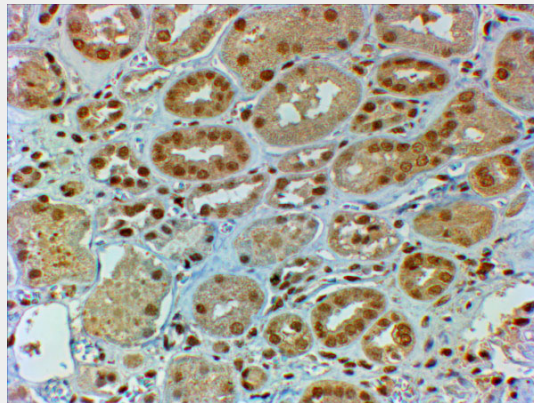
Expressed in testis, kidney and skeletal muscle.

## Goat Anti-DMRT2 Antibody (C Terminus) - 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](#)

## Goat Anti-DMRT2 Antibody (C Terminus) - Images



AF4168a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

## Goat Anti-DMRT2 Antibody (C Terminus) - References

Dmrt2 and Pax3 double-knockout mice show severe defects in embryonic myogenesis. Seo KW. Comparative medicine 2007 Oct 57 (5): 460-8.