

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

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

Application	IHC, E
Primary Accession	O9Y5R5
Other Accession	226049(mouse) , 309430(rat) , NP_006548.1 , NP_870987.2
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**Dilution**

IHC~~1:100~500

E~~N/A

FormatSupplied 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

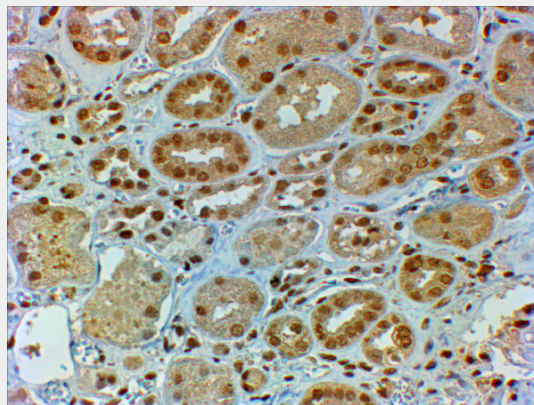
Expressed in testis, kidney and skeletal muscle.

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.