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**Product Name: DMRT1 Rabbit Monoclonal Antibody****Catalog #: AMRe84404**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 39 kDa ; Observed MW: 34 kDa

**Antigen Information**

<b>Gene Name</b>	DMRT1
<b>Alternative Names</b>	CT154; dmrt1; DMT1;;DMRT1
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9Y5R6
<b>Immunogen</b>	A synthesized peptide derived from human DMRT1

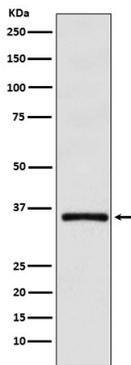
**Background**

Transcription factor that plays a key role in male sex determination and differentiation by controlling testis development and male germ cell proliferation. Plays a central role in spermatogonia by inhibiting meiosis in undifferentiated spermatogonia and

promoting mitosis, leading to spermatogonial development and allowing abundant and continuous production of sperm.

## Research Area

## Image Data



Western blot analysis of DMRT1 expression in HL-60 cell lysate.