

Datasheet for ABIN6139687  
**anti-DMRT1 antibody (AA 134-373)**



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1 Image

## Overview

Quantity:	100 µL
Target:	DMRT1
Binding Specificity:	AA 134-373
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMRT1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 134-373 of human DMRT1 (NP_068770.2).
Sequence:	SHPIPLPSAA ELLVKRENNG SNPCLMTECS GTSQPPASV PTTAASEGRM VIQDIPAVTS RGHVENTPDL VSDSTYYSSF YQPSLFPYYN NLYNCPQYSM ALAADSASGE VGNPLGGSPV KNSLRGLPGP YVPGQTGNQW QMKNMENRHA MSSQYRMHSY YPPPSYLGQS VPQFFTFEDA PSYPEARASV FSPSSQDSG LVSLSSSSPI SNKSTKAVLE CEPASEPSSF TVTPVIEEDE
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	DMRT1
Alternative Name:	DMRT1 ( <a href="#">DMRT1 Products</a> )
Background:	<p>This gene is found in a cluster with two other members of the gene family, having in common a zinc finger-like DNA-binding motif (DM domain). The DM domain is an ancient, conserved component of the vertebrate sex-determining pathway that is also a key regulator of male development in flies and nematodes. This gene exhibits a gonad-specific and sexually dimorphic expression pattern. Defective testicular development and XY feminization occur when this gene is hemizygous.,DMRT1,CT154,DMT1,Epigenetics &amp; Nuclear Signaling,Transcription Factors,DMRT1</p>
Molecular Weight:	18 kDa/28 kDa/39 kDa
Gene ID:	1761
UniProt:	<a href="#">Q9Y5R6</a>

## Application Details

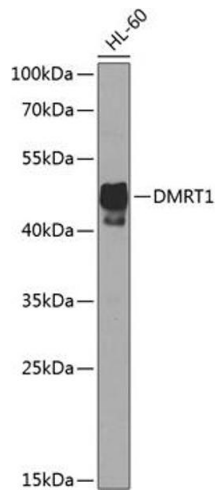
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of HL-60 cells, using DMRT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.