

## DAZ2 Polyclonal Antibody

Catalog No: #30979

Package Size: #30979-1 50ul #30979-2 100ul

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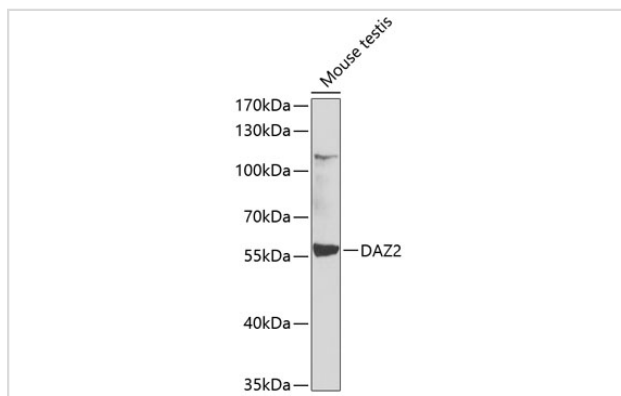
## Description

Product Name	DAZ2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human DAZ2 (NP_001005785.1).
Other Names	DAZ2; pDP1678; deleted in azoospermia 2
Accession No.	Swiss-Prot#:Q13117NCBI Gene ID:57055
Calculated MW	63kDa
Formulation	Avoid freeze / thaw cycles.   Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of mouse testis, using DAZ2 antibody at 1:1000 dilution.

## Background

This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat; the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified; this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains one copy of the 10.8 kb repeat. Alternative splicing results in multiple transcript variants encoding different isoforms.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.