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DAZ2

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:63kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DAZ2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

pDP1678;

Catalog #:A7600

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:57055

Isotype: IgG

Swiss Prot:Q13117

Purity: Affinity purification

For research use only.

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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