

DAZ4 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08933
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human DAZ4
Mol wt	63690
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	DAZ4
Synonyms	DAZ4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

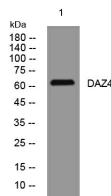
This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells| particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene 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 two copies of the 10.8 kb repeat. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year