

Product datasheet for **TA372962S**

Deleted in azoospermia 4 (DAZ4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-5000 WB positive control: HepG2 cell, Mouse stomach tissue, TM4 cell lysates
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DAZ4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	65 kDa
Gene Name:	deleted in azoospermia 4
Database Link:	Entrez Gene 57135 Human Q86SG3



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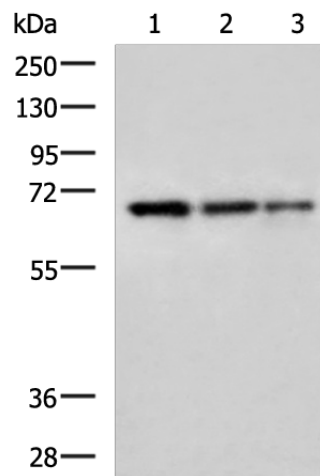
Background:

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.

Synonyms:

pDP1680; pDP1681

Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-3: HepG2 cell
Mouse stomach tissue
TM4 cell lysates
Primary antibody: [TA372962] (DAZ4 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 5 minutes