

Product datasheet for **TA345714**

DAZ2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DAZ2 antibody: synthetic peptide directed towards the N terminal of human DAZ2. Synthetic peptide located within the following region: MDETEIGSCFGRYGSVKEVKIITNRTGVSKGYGFVSFVNDVDVQKIVGSQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	deleted in azoospermia 2
Database Link:	NP_001005785 Entrez Gene 57055 Human Q13117



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Background:

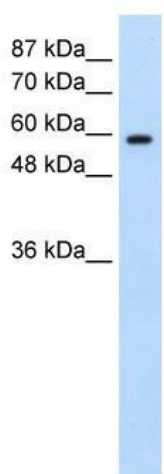
DAZ2 is a member of the DAZ family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). This RNA-binding protein is important for spermatogenesis. This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is 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.

Synonyms:

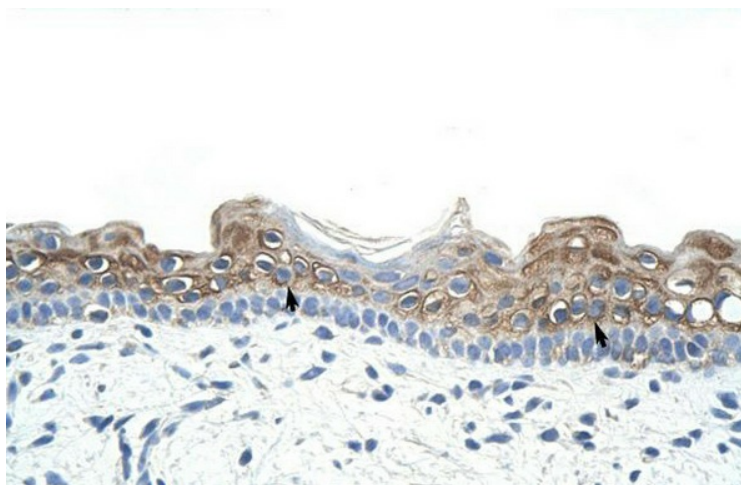
pDP1678

Note:

Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Goat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

Product images:


WB Suggested Anti-DAZ2 Antibody Titration: 0.2-1 ug/ml; Positive Control: Daudi cell lysate; DAZ2 is strongly supported by BioGPS gene expression data to be expressed in Human Daudi cells



Rabbit Anti-DAZ2 Antibody; Paraffin Embedded Tissue: Human Skin; Cellular Data: Squamous epithelial cells; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X