

Product datasheet for **TA323490S**

Deleted in azoospermia 4 (DAZ4) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: TM4 cell lysate IHC: 50-200 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein corresponding to N terminal 343 amino acids of Human Deleted in azoospermia protein 4 |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | deleted in azoospermia 4 |
| Database Link: | NP_065153 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:

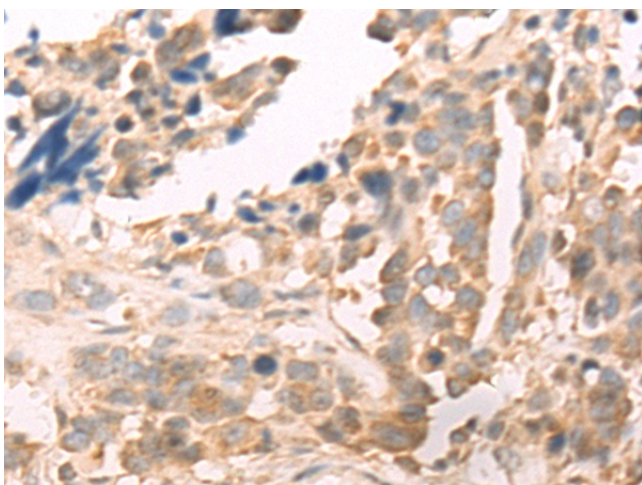
pDP1680; pDP1681

Product images:

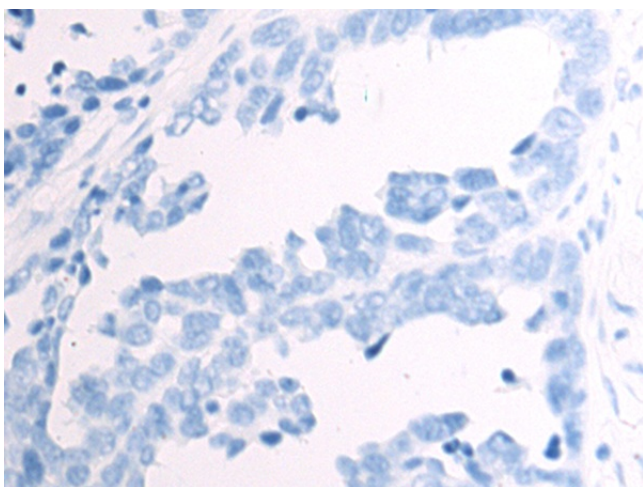
kDa
130—
95—
72—
55—
36—
28—
17—



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: TM4 cell lysate
Primary antibody: [TA323490] (DAZ4 Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 15 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA323490] (DAZ4 Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA323490] (DAZ4 Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)