

DAZ1 Polyclonal Antibody

Catalog Number: E-AB-18643



Note: Centrifuge before opening to ensure complete recovery of vial contents.

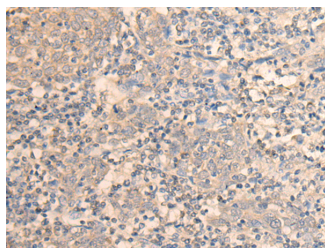
Description

Reactivity	Human
Immunogen	Fusion protein of human DAZ1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

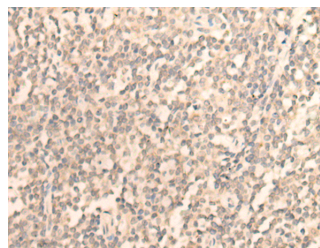
Applications Recommended Dilution

IHC	1:50-1:300
ELISA	1:5000-1:10000

Data



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using DAZ1 Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using DAZ1 Polyclonal Antibody at dilution of 1:55(×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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 three copies of the 10.8 kb repeat. However, no transcripts containing three copies of the RRM domain have been described; thus the RefSeq for this gene contains only two RRM domains.

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