DAZ1 Antibody

Catalog No: #47019

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

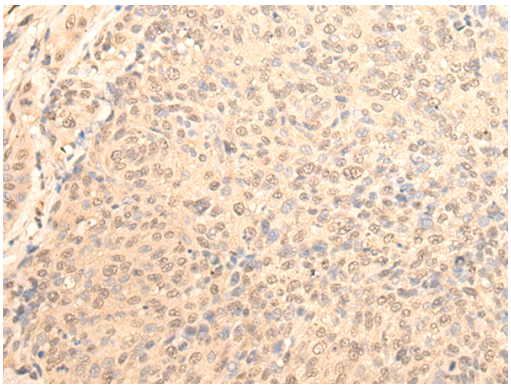
Description

Product Name	DAZ1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DAZ1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human DAZ1
Target Name	DAZ1
Other Names	DAZ; SPGY
Accession No.	Swiss-Prot#:Q9NQZ3NCBI Gene ID:1617Gene Accssion:BC114927
Uniprot	Q9NQZ3
GeneID	1617;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

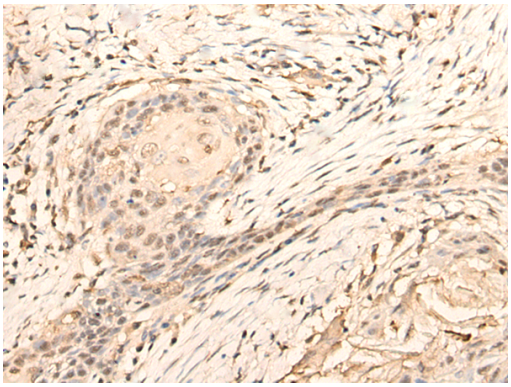
Application Details

Immunofluorescence:1: 40-200

Images



The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47019(DAZ1 Antibody) at dilution 1/70. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47019(DAZ1 Antibody) at dilution 1/70. (Original magnification: ?00)

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.

Note: This product is for in vitro research use only