DAZ4 Antibody

Catalog No: #35555

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

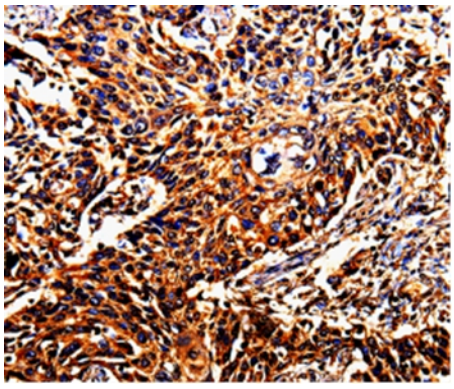
Description

Product Name	DAZ4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DAZ4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Deleted in azoospermia protein 4
Target Name	DAZ4
Other Names	pDP1680; pDP1681
Accession No.	Swiss-Prot#: Q86SG3NCBI Gene ID: 57135Gene Accssion: BC047480
Uniprot	Q86SG3
GeneID	57135;
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

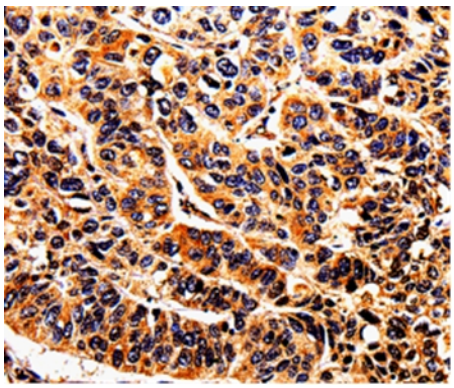
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #35555 at dilution 1/10.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #35555 at dilution 1/10.

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.

Note: This product is for in vitro research use only