DEAF1 Antibody

Catalog No: #37523

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

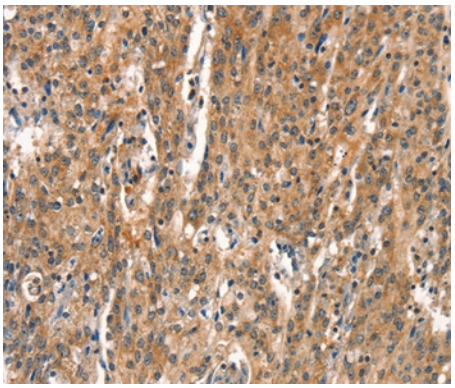
Description

Product Name	DEAF1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DEAF1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human DEAF1 transcription factor
Target Name	DEAF1
Other Names	SPN; NUDR; ZMYND5
Accession No.	Swiss-Prot#: O75398NCBI Gene ID: 10522Gene Accssion: NP_066288
Uniprot	O75398
GeneID	10522;
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

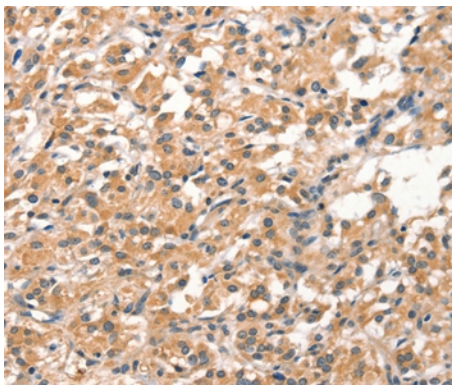
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37523 at dilution 1/15.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37523 at dilution 1/15.

Background

Suppressin, also known as DEAF1 (deformed epidermal autoregulatory factor 1), SPN, NUDR (nuclear DEAF-1-related transcriptional regulator), or ZMYND5 (zinc finger MYND domain-containing protein 5), is a transcription factor required for embryonic development. Suppressin contains one SAND domain and one C-terminal MYND-type zinc finger. It interacts with LMO4 and CLIM-2, suggesting that it plays a role mediating cell fate and embryonic pattern formation. Suppressin is expressed in a variety of tissues and localizes to the nucleus. Several isoforms exist due to alternative splicing and, depending on the isoform, Suppressin is secreted in some cell types. Secreted Suppressin can function to inhibit cell proliferation, arresting cells in the G0 or G1 phase. Mutations in the gene encoding Suppressin may result in a growth advantage leading to the development and progression of neoplasia. This suggest that Supressin is a potential target for cancer therapy.

Note: This product is for in vitro research use only