DUSP27 Antibody

Catalog No: #47083

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

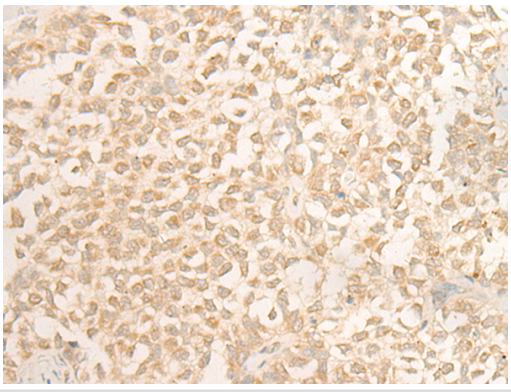
Description

Product Name	DUSP27 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUSP27 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DUSP27
Target Name	DUSP27
Accession No.	Swiss-Prot#:Q5VZP5 NCBI Gene ID:92235Gene Accssion:NP_001073895
Uniprot	Q5VZP5
GeneID	92235;
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

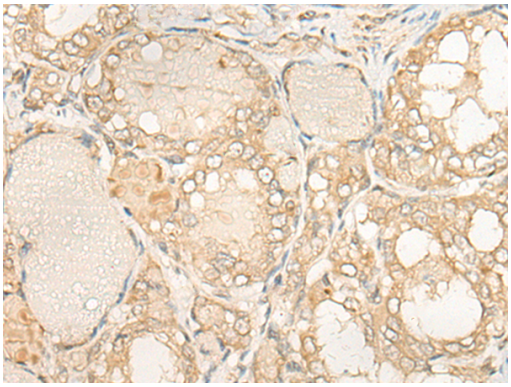
Application Details

Immunofluorescence:1: 40-200

Images



The image is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 47083(DUSP27 Antibody) at dilution 1/50. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47083(DUSP27 Antibody) at dilution 1/50. (Original magnification: ?00)

Background

Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members, including MAPK/ERK, SAPK/JNK and p38. DUSP27 (dual specificity phosphatase 27), also known as FMDSP or DUPD1 (dual specificity phosphatase and pro isomerase domain containing 1), is a 220 amino acid cytoplasmic protein that belongs to the protein-tyrosine phosphatase family. Expressed in skeletal muscle, liver and adipose tissue, DUSP27 may play a role in energy metabolism. The gene encoding DUSP27 is referred to as DUPD1 and maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

Note: This product is for in vitro research use only