

DUSP5 Antibody

Catalog No: #47084

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

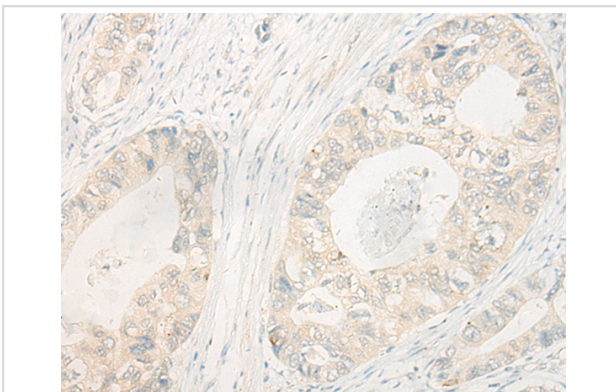
Description

Product Name	DUSP5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUSP5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DUSP5
Target Name	DUSP5
Other Names	DUSP; HVH3
Accession No.	Swiss-Prot#:Q16690 NCBI Gene ID:1847Gene Accssion:NP_004410
Uniprot	Q16690
GeneID	1847;
Calculated MW	42 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20C

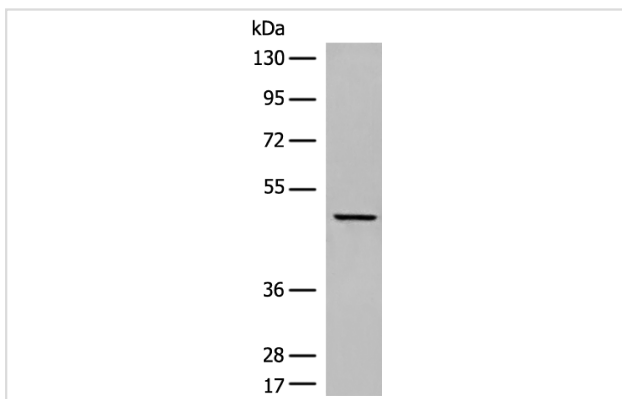
Application Details

Western blotting:1:200-1000Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 47084(DUSP5 Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE
Lysate: 40 µg, Lane: K562 cell lysate
Primary antibody: DUSP5 Antibody at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 minutes

Background

The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus.

Note: This product is for in vitro research use only