

DUSP9 Antibody

Catalog No: #43269

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

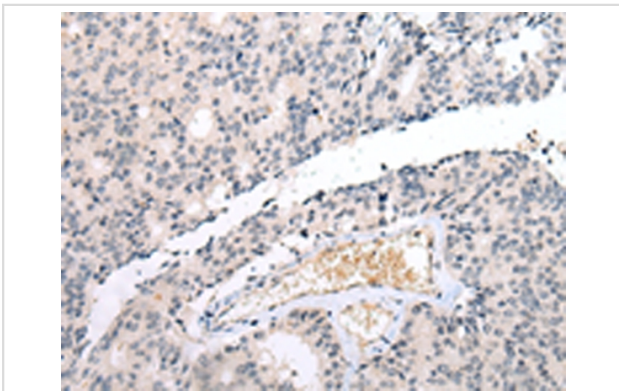
Description

Product Name	DUSP9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUSP9 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DUSP9
Target Name	DUSP9
Other Names	MKP4; MKP-4
Accession No.	Swiss-Prot#: Q99956 Gene ID: 1852
Uniprot	Q99956
GeneID	1852;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

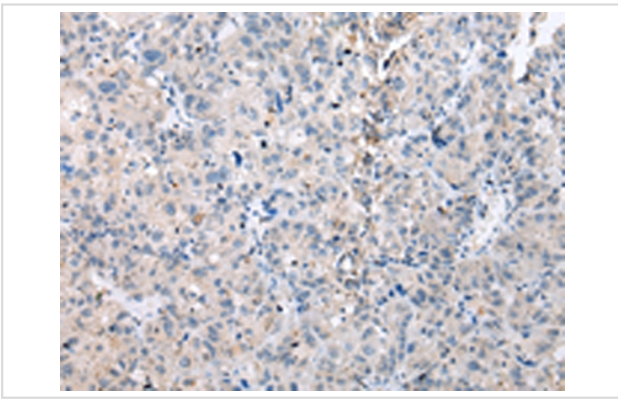
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43269 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #43269 at dilution 1/20.

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 is 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 shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus.

Note: This product is for in vitro research use only