

DUSP8 Antibody

Catalog No: #36848



Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

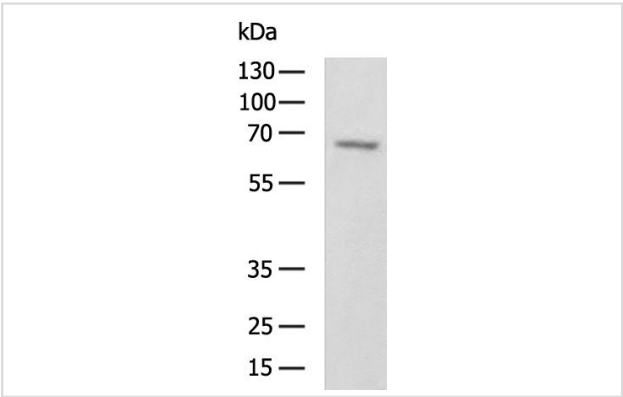
Description

Product Name	DUSP8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DUSP8 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human DUSP8
Target Name	DUSP8
Other Names	HB5; HVH8; HVH-5; C11orf81
Accession No.	Swiss-Prot#: Q13202NCBI Gene ID: 1850Gene Accssion: NP_004411
Uniprot	Q13202
GeneID	1850;
SDS-PAGE MW	66kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

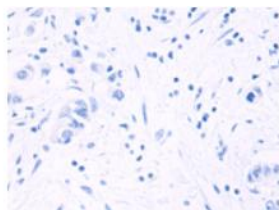
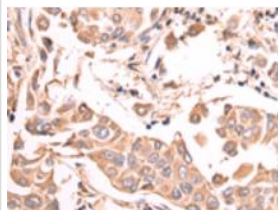
Application Details

WB:1000-1:5000  
IHC: 1:50-1:200

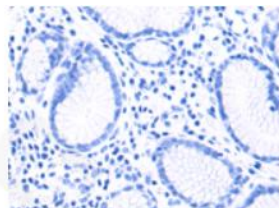
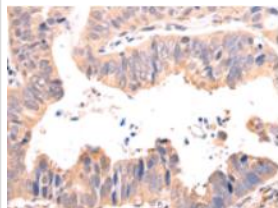
Images



Gel: 8%SDS-PAGE  
Lysate: 40 ug  
Lane: Mouse brain tissue lysate  
Primary antibody: at  
dilution 1/1200  
Secondary antibody: (HRP-conjugated  
Goat anti rabbit IgG) at 1/5000 dilution  
Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)



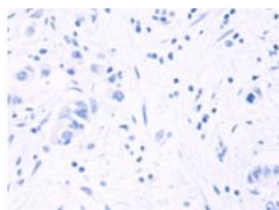
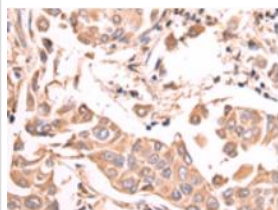
The image on the left is immunohistochemistry of paraffinembedded Human gastric cancer tissue using at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)

kDa

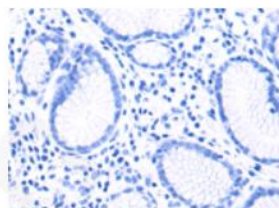
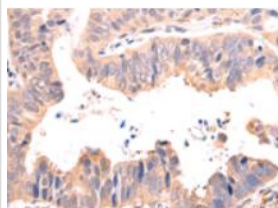
130 —  
100 —  
70 —  
55 —  
35 —  
25 —  
15 —



Gel: 8%SDS-PAGE  
Lysate: 40 ug  
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Primary antibody: at dilution 1/1200  
Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution  
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The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)



The image on the left is immunohistochemistry of paraffinembedded Human gastric cancer tissue using at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: 200)

## 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 inactivates SAPK/JNK and p38, is expressed predominantly in the adult brain, heart, and skeletal muscle, is localized in the cytoplasm, and is induced by nerve growth factor and insulin.

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Note: This product is for in vitro research use only