

DUSP11 Antibody

Catalog No: #42819

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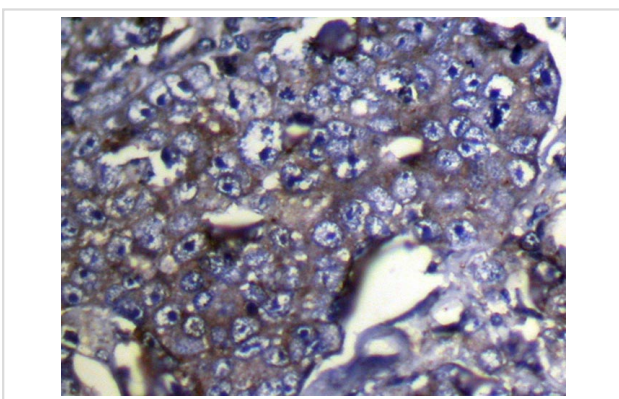
Description

Product Name	DUSP11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUSP11 protein.
Immunogen Description	Full length fusion protein of human DUSP11
Target Name	DUSP11
Other Names	PIR1
Accession No.	Swiss-Prot#: O75319Gene ID: 8446
Uniprot	O75319
GeneID	8446;
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: 1:100-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human Breast cancer tissue using #42819 at dilution 1/100.

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 is localized to

the nucleus and binds directly to RNA and splicing factors, and thus it is suggested to participate in nuclear mRNA metabolism.

Note: This product is for in vitro research use only