

RTN4IP1 Antibody

Catalog No: #46663

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

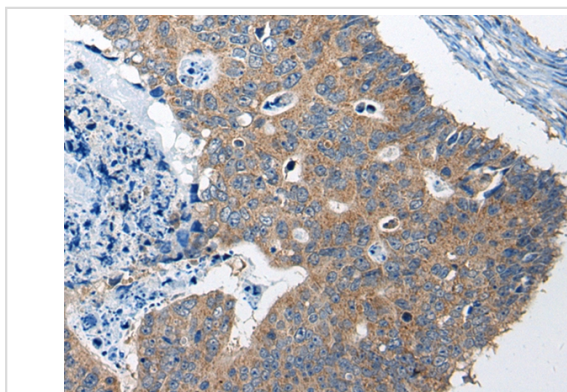
Description

Product Name	RTN4IP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RTN4IP1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human RTN4IP1
Target Name	RTN4IP1
Other Names	NIMP; OPA10
Accession No.	Swiss-Prot:Q8WWV3 NCBI Gene ID:84816NCBI Protein:NP_116119
Uniprot	Q8WWV3
GeneID	84816;
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

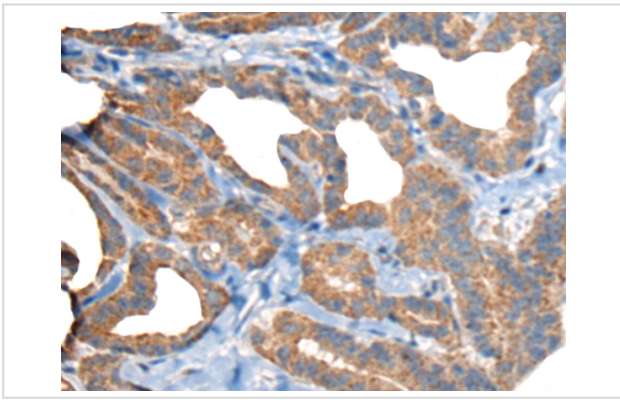
Application Details

Immunohistochemistry: 1: 40-200

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46663(RTN4IP1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46663(RTN4IP1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. This interaction may be important for reticulon-induced inhibition of neurite growth. Mutations in this gene can cause optic atrophy 10, with or without ataxia, mental retardation, and seizures. There is a pseudogene for this gene on chromosome 12. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only