

NTRK1 Antibody

Catalog No: #37056

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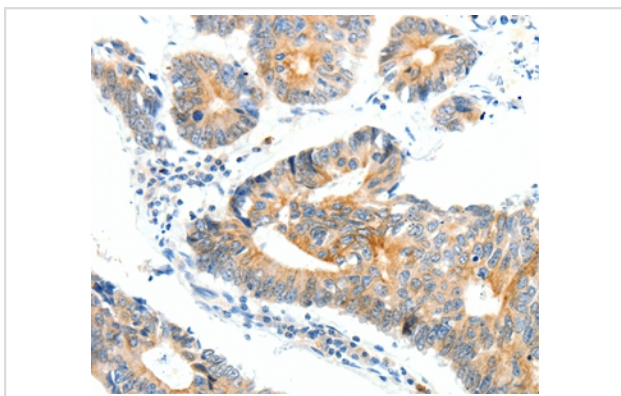
Description

Product Name	NTRK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NTRK1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human neurotrophic tyrosine kinase, receptor, type 1
Target Name	NTRK1
Other Names	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
Accession No.	Swiss-Prot#: P04629NCBI Gene ID: 4914Gene Accssion: NP_002520.2
Uniprot	P04629
GeneID	4914;
Concentration	3.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

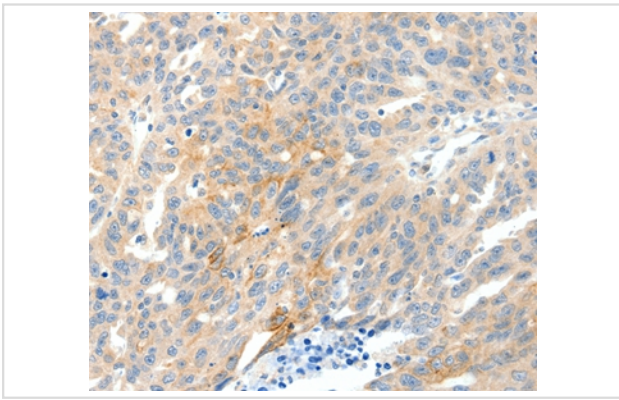
Application Details

Immunohistochemistry: 1:100-1:300

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37056 at dilution 1/90.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #37056 at dilution 1/90.

Background

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

Note: This product is for in vitro research use only