

DCTN4 Antibody

Catalog No: #36404

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

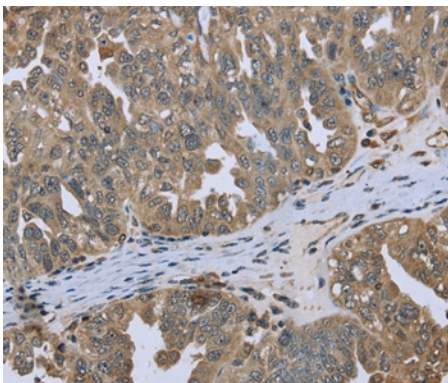
Description

Product Name	DCTN4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DCTN4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human dynactin 4 (p62)
Target Name	DCTN4
Other Names	P62; DYN4
Accession No.	Swiss-Prot#: Q9UJW0NCBI Gene ID: 51164Gene Accssion: BC026323
Uniprot	Q9UJW0
GeneID	51164;
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

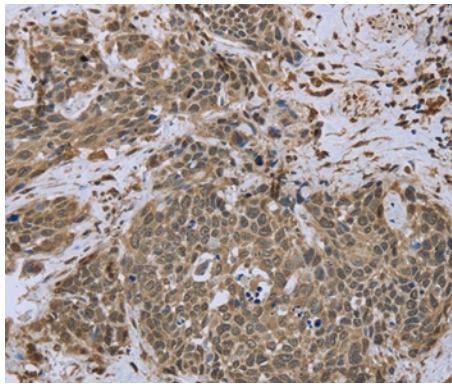
Application Details

Immunohistochemistry: 1:100-1:300

Images



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #36404 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36404 at dilution 1/50.

Background

Dynactin is a multisubunit complex and a required cofactor for most, or all, of the cellular processes powered by the microtubule-based motor cytoplasmic dynein . Dynactin contains a short actin-related protein 1 (Arp1) filament with capZ at the barbed end and p62 at the pointed end . The p62 subunit is an integral component of 20 S dynactin with a highly conserved cysteine-rich motif that interacts directly with Arp1. Dynactin p62 has a punctate cytoplasmic distribution as well as centrosomal distribution typical of dynactin . In addition, Dynactin p62 is distributed in the nucleus at very high expression levels . Due to the structural composition of dynactin, the p62 subunit is implicated in Arp1 pointed-end binding and in linking dynein and dynactin to the cortical cytoskeleton.

Note: This product is for in vitro research use only