DCTN4 Antibody

PACO16157

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, IHC:1:50-1:200

Protein 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.

Gene ID:

DCTN4

Uniprot

Q9UJW0

Synonyms:

dynactin 4 (p62)

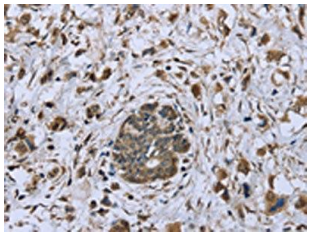
Immunogen:

Fusion protein of human DCTN4.

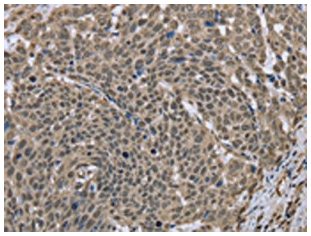
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO16157(DCTN4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO16157(DCTN4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).