

## Anti-DCTN4 antibody

<b>Cat. No.</b>	ml122215
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DCTN4 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human DCTN4
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.9 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DCTN4
<b>Full name</b>	dynactin 4 (p62)
<b>Synonyms</b>	P62; DYN4
<b>Swissprot</b>	Q9UJW0

### Target 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.

订购热线: 4008-898-798

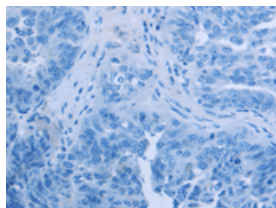
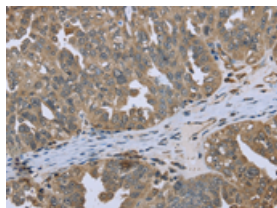
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 100-300

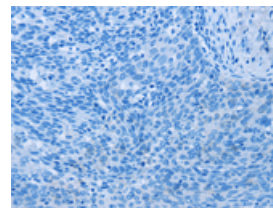
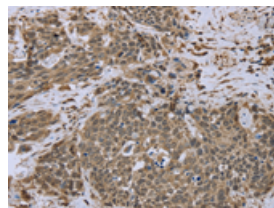


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml122215(DCTN4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus

Positive control: Human cervical cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml122215(DCTN4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 2000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)