

**Anti-Human/Mouse/Rat DCTN4 Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA09252**

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3th Edition

**Description:** 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.

**Antigen:** Recombinant protein of human DCTN4

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**