

Anti-DCTN3 Polyclonal Antibody

Cat: K108135P

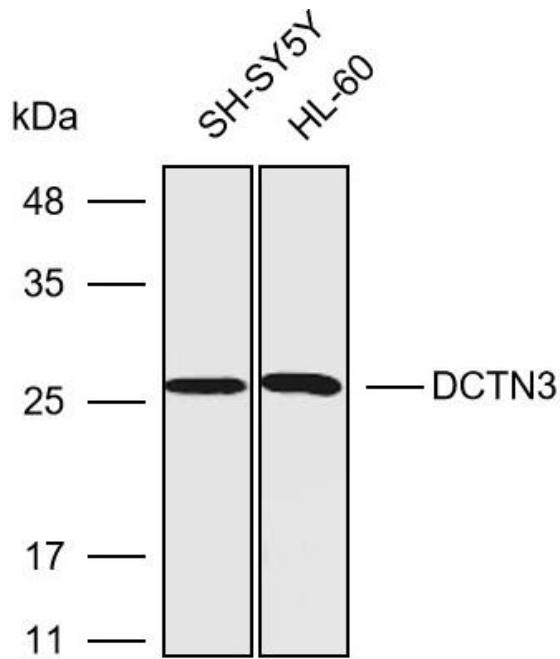
Summary:

【Product name】 : Anti-DCTN3 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : O75935	【Gene ID】 : 11258
【Calculated】 : MW:18/21kDa	【Observed】 : MW:27kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:1000-3000. IHC1:50-200.	
【WB Positive sample】 : SH-SY5Y,HL-60	
【IHC Positive sample】 : Human breast cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human DCTN3	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

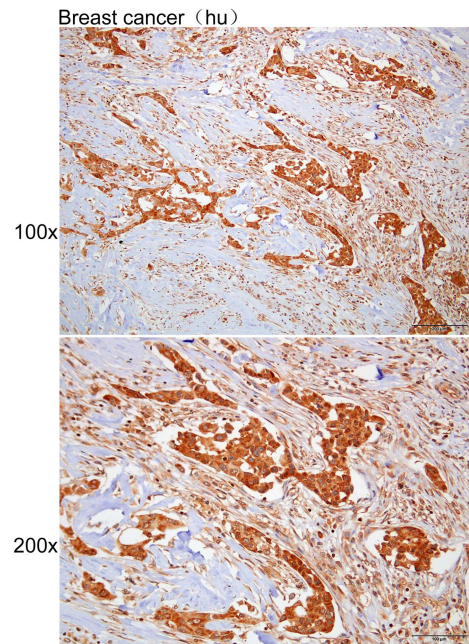
Background:

This gene encodes the smallest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, cytokinesis, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like most other dynactin subunits, exists only as a part of the dynactin complex. It is primarily an alpha-helical protein with very little coiled coil, and binds directly to the largest subunit (p150) of dynactin. Alternative splicing results in multiple transcript variants.

Verified picture



Western blot analysis with DCTN3 antibody diluted at 1:2000; Lane: SH-SY5Y, HL-60



Immunohistochemistry of paraffin-embedded Human breast cancer with DCTN3 antibody diluted at 1:100