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Quantity:	200 μL
Target:	DCTN3 (Dctn3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCTN3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human DCTN3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	DCTN3 (Dctn3)
Alternative Name:	DCTN3 (Dctn3 Products)
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,

Target Details

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.

UniProt: 075935

Pathways: M Phase

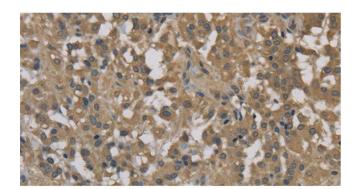
Application Details

Application Notes: IHC 1:100-1:300

Restrictions: For Research Use only

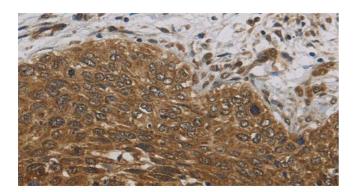
Handling

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Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DCTN3 Polyclonal Antibody at dilution 1:70



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using DCTN3 Polyclonal Antibody at dilution 1:70