

anti- NDC80 antibody

Product Information

Catalog No.:	FNab05599
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity(PubMed:9315664, PubMed:12351790, PubMed:14654001, PubMed:14699129, PubMed:15062103, PubMed:15235793, PubMed:15239953, PubMed:15548592, PubMed:16732327). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore(PubMed:15548592). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules(PubMed:23085020).

Immunogen information

Immunogen:	NDC80 homolog, kinetochore complex component(<i>S. cerevisiae</i>)
Synonyms:	HEC, HEC1, KNTC2
Observed MW:	76 kDa
UniprotID :	O14777

Application

Wuhan Fine Biotech Co., Ltd.

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Tel : (0086)027-87384275

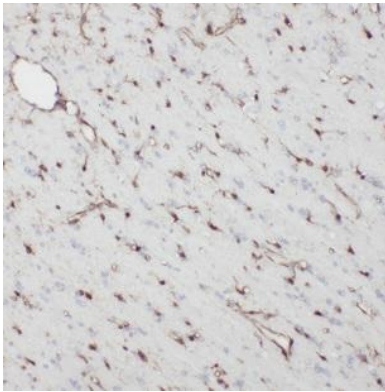
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

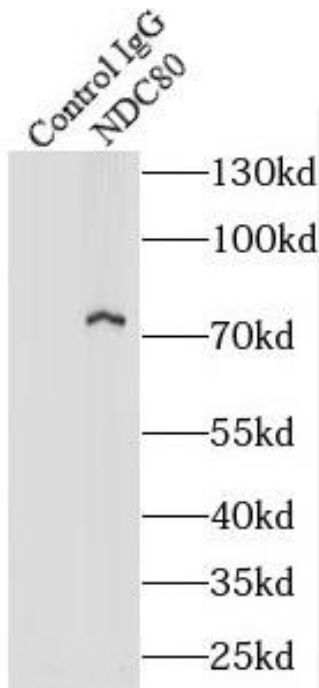
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human brain using FNab05599(NDC80 antibody) at dilution of 1:100



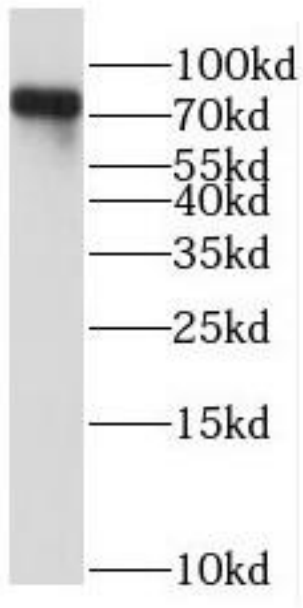
IP Result of anti-NDC80 (IP:FNab05599, 4ug; Detection:FNab05599 1:500) with A2780 cells lysate 960ug.

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A2780 cells were subjected to SDS PAGE followed by western blot with FNab05599(NDC80 antibody) at dilution of 1:500