

## NCK1 antibody

### Product Information

Catalog No.:	FNab05583
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

Adapter protein which associates with tyrosine-phosphorylated growth factor receptors, such as KDR and PDGFRB, or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. Plays a role in the DNA damage response, not in the detection of the damage by ATM/ATR, but for efficient activation of downstream effectors, such as that of CHEK2. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling. Modulates the activation of EIF2AK2/PKR by dsRNA. May play a role in cell adhesion and migration through interaction with ephrin receptors.

### Immunogen information

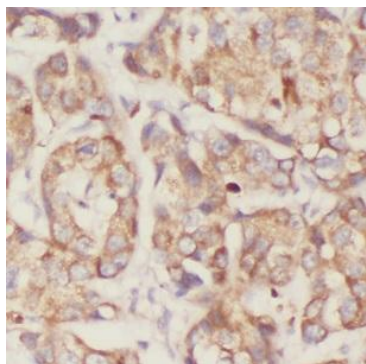
Immunogen:	NCK adaptor protein 1
Synonyms:	SH2/SH3 adapter protein NCK1 Cytoplasmic protein NCK1 NCK adapter protein 1 (Nck-1) SH2/SH3 adapter protein NCK-alpha NCK1 NCK
Observed MW:	43 kDa
Uniprot ID :	P16333

### Application

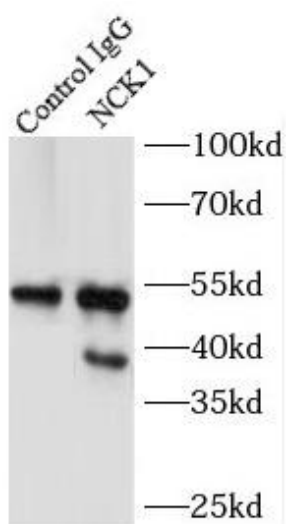
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, FC, IP

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

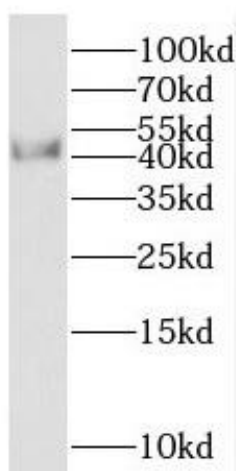
Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab05583(NCK1 antibody) at dilution of 1:100



IP Result of anti-NCK1 (IP:FNab05583, 4ug; Detection:FNab05583 1:500) with mouse brain tissue lysate 2640ug.



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab05583(NCK1 antibody) at dilution of 1:400