

NEK9 antibody

Product Information

Catalog No.:	FNab05654
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

Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation. Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. Important for G1/S transition and S phase progression. Phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr-97 respectively.

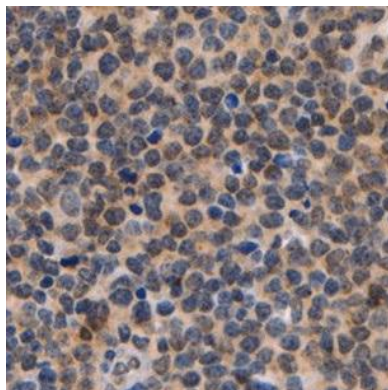
Immunogen information

Immunogen:	NIMA(never in mitosis gene a)-related kinase 9
Synonyms:	Serine/threonine-protein kinase Nek9 Nercc1 kinase Never in mitosis A-related kinase 9 (NimA-related protein kinase 9) NimA-related kinase 8 (Nek8) NEK9 KIAA1995 NEK8 NERCC
Observed MW:	120 kDa
Uniprot ID :	Q8TD19

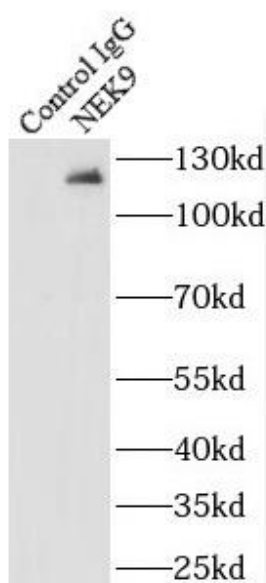
Application

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

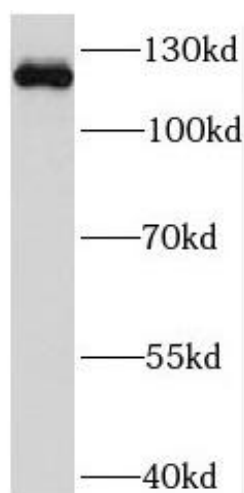
Image:



Immunohistochemistry of paraffin-embedded human lymphoma using FNab05654(NEK9 antibody) at dilution of 1:50



IP Result of anti-NEK9 (IP:FNab05654, 5ug; Detection:FNab05654 1:500) with HeLa cells lysate 2000ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab05654(NEK9 antibody) at dilution of 1:500