

## anti- NENF antibody

### Product Information

Catalog No.:	FNab05661
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7C8
IsoType:	IgG2a
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 neurotrophic factor in postnatal mature neurons enhancing neuronal survival. Promotes cell proliferation and neurogenesis in undifferentiated neural pro-genitor cells at the embryonic stage and inhibits differentiation of astrocyte. Its neurotrophic activity is exerted via MAPK1/ERK2, MAPK3/ERK1 and AKT1/AKT pathways. Neurotrophic activity is enhanced by binding to heme. Acts also as an anorexigenic neurotrophic factor that contributes to energy balance(By similarity). Plays a role in the human tumorigenesis(PubMed:22748190).

### Immunogen information

Immunogen:	neuron derived neurotrophic factor
Synonyms:	CIR2, NENF, NEUDESIN, SCIRP10, SPUF, SPUF protein
Observed MW:	18 kDa
Uniprot ID :	Q9UMX5

### Application

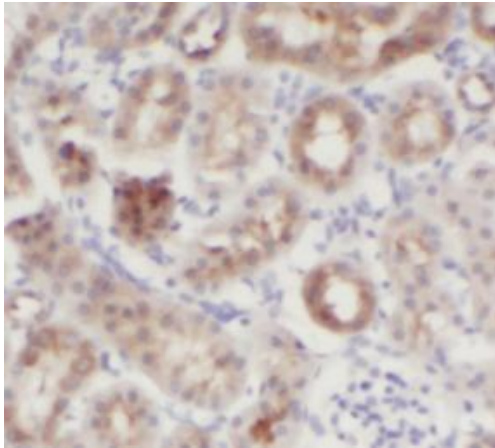
Reactivity:	Human, Mouse
Tested Application:	ELISA, IHC, WB,IF

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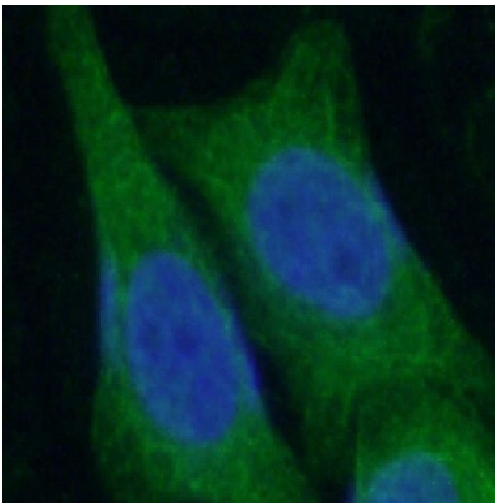
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human kidney slide using FNab05661 (NENF antibody) at dilution of 1:50



Immunofluorescent analysis of ( -20°C Ethanol ) fixed HepG2 cells using FNab05661 ( NENF Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

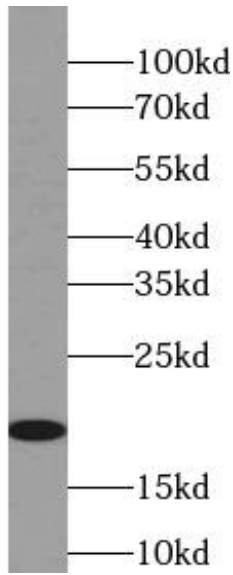
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human brain tissue were subjected to SDS PAGE followed by western blot with FNab05661(NENF antibody) at dilution of 1:1000