

NGB antibody

Product Information

Catalog No.:	FNab05718
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

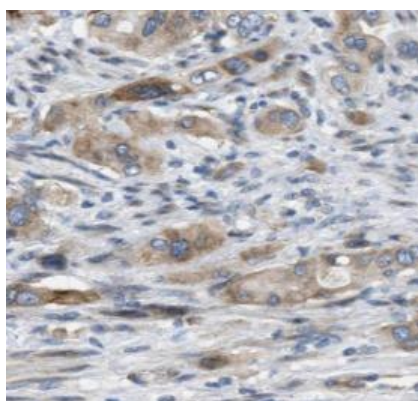
Involved in oxygen transport in the brain. Hexacoordinate globin, displaying competitive binding of oxygen or the distal His residue to the iron atom. Not capable of penetrating cell membranes. The deoxygenated form exhibits nitrite reductase activity inhibiting cellular respiration via NO-binding to cytochrome c oxidase. Involved in neuroprotection during oxidative stress. May exert its anti-apoptotic activity by acting to reset the trigger level of mitochondrial cytochrome c release necessary to commit the cells to apoptosis.

Immunogen information

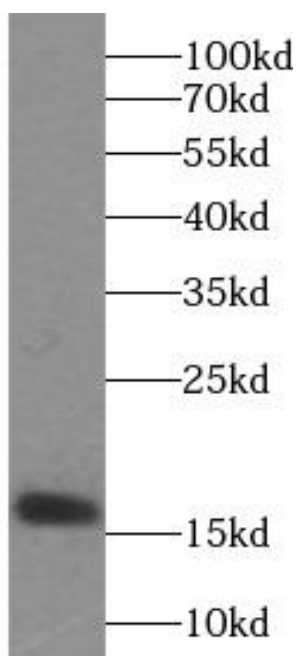
Immunogen:	neuroglobin
Synonyms:	Neuroglobin NGB
Observed MW:	16 kDa
Uniprot ID :	Q9NPG2

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:5000; IHC: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab05718(NGB antibody) at dilution of 1:100



human brain tissue were subjected to SDS PAGE followed by western blot with FNab05718(NGB antibody) at dilution of 1:500