

NGB neuroglobin Antibody HRP Conjugated

Catalog No: #C03756H

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Description

Product Name	NGB neuroglobin Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 100-150 150 derived from mouse NGB
Conjugates	HRP
Target Name	NGB neuroglobin
Other Names	Neuroglobin; Ngb
Accession No.	Swiss-Prot#Q9ER97NCBI Gene ID64242
Uniprot	Q9ER97
GeneID	64242;
Excitation Emission	N A
Cell Localization	Cytoplasm, Mitochondrion
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200

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.

Note: This product is for in vitro research use only