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Datasheet for ABIN7161313
anti-Neuroglobin antibody (AA 1-151) (HRP)

Overview

Quantity:	100 µg
Target:	Neuroglobin (NGB)
Binding Specificity:	AA 1-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuroglobin antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Neuroglobin protein (1-151AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Neuroglobin (NGB)
Alternative Name:	NGB (NGB Products)
Background:	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

Target Details

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.

Aliases: Neuroglobin antibody, NGB antibody, NGB_HUMAN antibody

UniProt: [Q9NPG2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.