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Datasheet for ABIN7161311  
**anti-Neuroglobin antibody (AA 1-151) (Biotin)**

### 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 Biotin
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 ( <a href="#">NGB Products</a> )
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

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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

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UniProt: [Q9NPG2](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.