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Datasheet for ABIN735497

## anti-Neuroglobin antibody (AA 51-151) (HRP)

### Overview

Quantity:	100 µL
Target:	Neuroglobin (NGB)
Binding Specificity:	AA 51-151
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuroglobin antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse NGB
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Neuroglobin (NGB)
Alternative Name:	NGB/neuroglobin ( <a href="#">NGB Products</a> )

## Target Details

Background:	Synonyms: Neuroglobin, Ngb  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.
Gene ID:	64242
UniProt:	<a href="#">Q9ER97</a>

## Application Details

Application Notes:	IHC-P 1:200-400  IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months