

	<h1 style="text-align: center;">NGB Rabbit pAb</h1>	<b>E 2 5 0 6 4 7 7</b>
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<b>Swiss-Prot No.:</b>	Q9NPG2
<b>Altername:</b>	NGB
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-151 of human NGB (NP_067080.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Cellular localization:</b>	Cytoplasm, Mitochondrion
<b>Relevance:</b>	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.
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody

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<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	17kDa, 35kDa, 70kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000; IF 1:10 - 1:100 (Optimal dilutions should be determined by the end user)