



Anti-NGB (full length) polyclonal antibody (DPAB-DC2630)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an oxygen-binding protein that is distantly related to members of the globin gene family. It is highly conserved among other vertebrates. It is expressed in the central and peripheral nervous system where it may be involved in increasing oxygen availability and providing protection under hypoxic/ischemic conditions.
Immunogen	<p>NGB (AAH32509, 1 a.a. ~ 151 a.a) full-length recombinant protein with GST tag. The sequence is</p> <p>MERPEPELIRQSWRAVSRSPGLGHGTVLFARLFALEPDLLPLFQYNCRQFSSPEDCLSSPE</p> <p>FLDHIRKVMLVIDAAVTNVEDLSSLEEYLASLGRKHRAVGVLSSFSTVGESLLYMLEKC</p> <p>LGPAFTPATRAAWSQLYGAVVQAMSRGWDGE</p>
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NGB neuroglobin [Homo sapiens (human)]
Official Symbol	NGB
Synonyms	NGB; neuroglobin;
Entrez Gene ID	58157
Protein Refseq	NP_067080
UniProt ID	A0M8W9
Chromosome Location	14q24.3
Function	heme binding; iron ion binding; oxygen binding; oxygen transporter activity