

bs-1859R**[Primary Antibody]****NGB Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

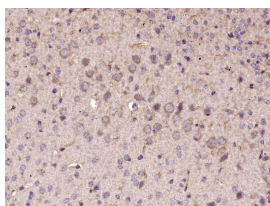
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 64242	SWISS: Q9ER97	
Target: NGB		Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow)
Immunogen: KLH conjugated synthetic peptide derived from mouse NGB: 51-151/151.		
Purification: affinity purified by Protein A		Predicted MW.: 17 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (NGB) Polyclonal Antibody, Unconjugated (bs-1859R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

— SELECTED CITATIONS —

- **[IF=3.77]** Hui-xian Li. et al. PACAP-derived mutant peptide MPAP0 protects trigeminal ganglion cell and the retina from hypoxic injury through anti-oxidative stress, anti-apoptosis, and promoting axon regeneration. Bba-Gen Subjects. 2021 Dec;1865:130018 IF ;mouse . 34597723
- **[IF=1.95]** Xiaohua Du. et al. Expression and distribution of neuroglobin and hypoxia-inducible factor-1 α in the adult yak telencephalon. 2021 Jun 19 WB ;Yak. 34146386