

bs-0791R**[Primary Antibody]****BioSS**
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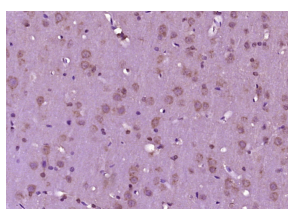
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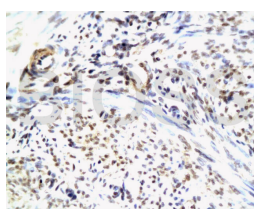
400-901-9800

CGRP-1/2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 796	SWISS: P01258	IF (1:100-500)
Target: CGRP-1/2		Reactivity: Human, Rat (predicted: Mouse, Pig, Cow, Chicken)
Immunogen: KLH conjugated synthetic peptide derived from human Calcitonin gene-related peptide 1: 65-130/130.		Predicted MW.: 3.8/14 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted
Concentration: 1mg/ml		
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: Procalcitonin (PCT) is a peptide precursor of the hormone calcitonin, the latter being involved with calcium homeostasis. It arises once preprocalcitonin is cleaved by endopeptidase. It is composed of 116 amino acids and is produced by parafollicular cells (C cells) of the thyroid and by the neuroendocrine cells of the lung and the intestine.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CGRP) Polyclonal Antibody, Unconjugated (bs-0791R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human endometrium carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-CGRP/CGRP2 Polyclonal Antibody, Unconjugated(bs-0791R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=10.2]** Deng Zihan. et al. Gold nanoparticles exhibit anti-osteoarthritic effects via modulating interaction of the “microbiota-gut-joint” axis. J NANOBIOECHANOL. 2024 Dec;22(1):1-23 IF ;Mouse. 38589904
- **[IF=6.656]** Yuxin Li. et al. Structure-based virtual screening for discovery of Paederosidic Acid from Paederia Scandens as novel P2Y14R antagonist. PHYTOMEDICINE. 2023 May;;154851 IF ;Mouse. 37149963
- **[IF=5.23]** He, Qin-Qin, et al. "MicroRNA-127 targeting of mitoNEET inhibits neurite outgrowth, induces cell apoptosis and contributes to physiological dysfunction after spinal cord transection." Scientific Reports 6 (2016). IHC ;="Rat". 27748416
- **[IF=3.874]** Bo Liu. et al. Rapid FRET-based homogeneous immunoassay of procalcitonin using matched carbon dots

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

labels. Nanotechnology. 2021 Dec;33(8):085702 Other ;immunosensor. 34788745

- **[IF=2.63]** Liu, Jun, et al. "Sensory-sympathetic coupling in superior cervical ganglia after myocardial ischemic injury facilitates sympathoexcitatory action via P2X7 receptor." Purinergic Signalling (2013): 1-17. Other ;="Rat" . 23754120