

**bs-10172R****[ Primary Antibody ]****c-fos Rabbit pAb****BioSS**  
**ANTIBODIES**

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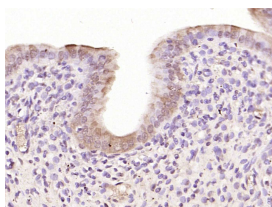
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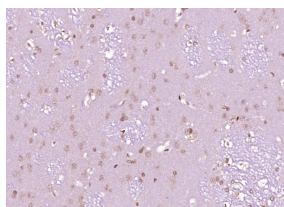
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 2353 <b>Target:</b> c-fos <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human c-fos: 145-260/380. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq, Jul 2008].	<b>Isotype:</b> IgG <b>SWISS:</b> P01100	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse) <b>Predicted MW.:</b> 41 kDa <b>Subcellular Location:</b> Cytoplasm ,Nucleus
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat uterus); 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 (c-fos) Polyclonal Antibody, Unconjugated (bs-10172R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (c-fos) Polyclonal Antibody, Unconjugated (bs-10172R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=14.976]** Qinyu Ma. et al. Small extracellular vesicles deliver osteolytic effectors and mediate cancer - induced osteolysis in bone metastatic niche. J Extracell Vesicles. 2021 Feb;10(4):e12068 WB ;Mouse. 33659051
- **[IF=5.988]** Zipeng Gong. et al. Pharmacokinetic Differences of Wuji Pill Components in Normal and Chronic Visceral Hypersensitivity Irritable Bowel Syndrome Rats Attributable to Changes in Tight Junction and Transporters. FRONT PHARMACOL. 2022; 13: 948678 IHC ;Rat. 35873589
- **[IF=4.5]** Pengfei Lv. et al. Intestinal Perfusion of Unacylated Ghrelin Alleviated Metabolic Associated Fatty Liver Disease in Rat via a Central Glucagon-Like Peptide-1 Pathway. AM J PHYSIOL-GASTR L. 2024 Apr;(Articles in Press): IF ;Rat.

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

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- **[IF=4.2]** Zhang, Fengwei, et al. "Seasonal Expression of Oxytocin and Oxytocin Receptor in the Scented Gland of Male Muskrat (*Ondatra zibethicus*).\" Scientific Reports 7.1 (2017): 16627. WB,IHC ;Others. 29192229
- **[IF=3.8]** Lu Peng. et al. The effect of c-Fos on the prognosis, proliferation, and invasion of oral squamous cell carcinoma. ORAL DIS. 2024 Feb;; IHC ;Human. 38326698