

bs-1088R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

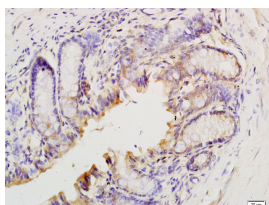
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

T Beta 10 Rabbit pAb**— DATASHEET —**

| | | |
|--|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) |
| Clonality: Polyclonal | | IHC-F (1:100-500) |
| GeneID: 9168 | SWISS: P63313 | IF (1:100-500) |
| Target: T Beta 10 | | Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog, Horse) |
| Immunogen: KLH conjugated synthetic peptide derived from human T Beta 10: 13-110/44. | | |
| Purification: affinity purified by Protein A | | Predicted MW.: 4.9 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: The beta thymosins are a family of related peptides, initially isolated from calf thymus but known to be present in a wide variety of mammalian and other vertebrate cells and tissues. Thymosin beta 4 was the first member of the family to be characterized. Although TMSB4 was initially proposed to be a thymic hormone acting at early stages of T cell maturation, the high concentration of the protein and its mRNA in a number of other tissues and cells, as well as the lack of an identifiable secretory signal sequence, suggested that it had a general function in many cell types. Thymosin beta 10 is closely related in sequence to TMSB4 and is also an actin sequestering protein. | | |

— VALIDATION IMAGES —

Tissue/cell: mouse small intestine; 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-T-Beta-10 Polyclonal Antibody, Unconjugated(bs-R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=5.6]** Rong Tang. et al. Single-cell transcriptomics uncover hub genes and cell-cell crosstalk in patients with hypertensive nephropathy. INT IMMUNOPHARMACOL. 2023 Dec;125:111104 IHC ;Human,Mouse. 10.1016/j.intimp.2023.111104