

## Anti-T Beta 10 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 4.9 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Tissue/cell: mouse small intestine; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-T-Beta-10 Polyclonal Antibody, Unconjugated 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human T Beta 10
Antigen Species:	Human
Gene ID:	9168
Uniprot ID:	P63313

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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