bs-0226R

[Primary Antibody]

BIOSS ANTIBODIES www.bioss.com.cn

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Thymosin Alpha-1 Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 5757 **SWISS:** P06454

Target: Thymosin Alpha-1

Immunogen: KLH conjugated synthetic peptide derived from human Thymosin

Alpha-1: 2-29/111.

Purification: affinity purified by Protein A

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: The thymus gland produces several hormones or hormone-like

substances which are derived from a polypeptide precursor containing (in the rat) 113 amino acids and known as prothymosin alpha. A peptide containing 28 amino acid residues, named thymosin alpha 1, was originally isolated from calf thymosin fraction 5 and shown to restore various aspects of immune function in several in vitro and in vivo test systems. Thymosin alpha 1 was subsequently isolated from a similar fraction from human thymosin and reported to have the same amino acid sequence as bovine thymosin alpha 1. Function: Prothymosin alpha may mediate immune function by conferring resistance to

certain opportunistic infections.

certain oppo

Applications: ICC/IF (1:50-200)

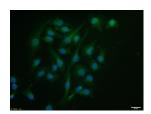
Reactivity: Human (predicted: Mouse,

Rat, Cow)

Predicted MW.: 12 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Thymosin Alpha-1) polyclonal Antibody, Unconjugated (bs-0026R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

- SELECTED CITATIONS -

• [IF=2.42] Shao, Congwen, et al. "Thymosin alpha-1-transformed< i> Bifidobacterium</i> promotes T cell proliferation and maturation in mice by oral administration." International immunopharmacology (2013). WB;. 23352493