bs-1838R

[Primary Antibody]

Bioss ANTIBODIES

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KLF10 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 7071 **SWISS:** Q13118

Target: KLF10

Immunogen: KLH conjugated synthetic peptide derived from human TIEG1:

401-480/480.

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: KLF10 is a transcription factor that plays a role in the regulation of

cell growth. It binds to the consensus sequence 5'-GGTGTG-3'. KLF10 plays a role in the response to TGFbeta (through the TGFbeta/Smad signalling pathway) and estrogen. In both cases, KLF10 induces or repressed gene transcription to enhance the TGFbeta/Smad signalling pathway, as well as other pathways, to regulate cell proliferation, differentiation and apoptosis. KLF10 has

been shown to have a role in skeletal disease

(osteopenia/osteoporosis), hypertrophic cardiomyopathy, and

breast and prostate cancer.

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

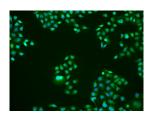
Reactivity: Human (predicted: Mouse,

Rat)

Predicted MW.: 53 kDa

Subcellular Nucleus

VALIDATION IMAGES



Hela 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 (KLF10) polyclonal Antibody, Unconjugated (bs-1838R) 1:25, 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.