

Osterix Rabbit pAb

Catalog Number: bs-25532R

Target Protein: Osterix

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **WB** (1:500-2000)

Reactivity: Mouse, Rat (predicted: Human, Cow)

Predicted MW: 45 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 170574

Swiss Prot: Q5RM08

Source: KLH conjugated synthetic peptide derived from mouse Osterix : 370-428/428.

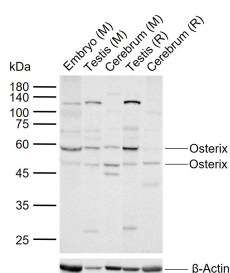
Purification: affinity purified by Protein A

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: This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein is a bone specific transcription factor and is required for osteoblast differentiation and bone formation.[provided by RefSeq, Jul 2010]

VALIDATION IMAGES



Sample: Lane 1: Mouse Embryo tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Mouse Cerebrum tissue lysates Lane 4: Rat Testis tissue lysates Lane 5: Rat Cerebrum tissue lysates Primary: Anti-Osterix (bs-25532R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kDa Observed band size: 50,58 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=16.6] Shao Xi. et al. Rescuing SERCA2 pump deficiency improves bone mechano-responsiveness in type 2 diabetes by shaping osteocyte calcium dynamics. NAT COMMUN. 2024 Jan;15(1):1-22 WB ; Mouse . 38291059

[IF=6.8] Jingxi Xu. et al. Titanium dioxide nanoparticles oral exposure induce osteoblast apoptosis, inhibit osteogenic ability and increase lipogenesis in mouse. ECOTOX ENVIRON SAFE. 2024 Jun;277:116367 WB,ICC,IF ; Mouse . 38669870

[IF=4.8] Guijiang Huang. et al. Osteoking inhibits apoptosis of BMSCs in osteoporotic rats via PI3K/AKT signaling pathway. J ETHNOPHARMACOL. 2024 Dec;:118961 WB ; Rat . 39653105