

RUNX2 Recombinant antibody

Cat:B18001L

Company: HaoKebio

Uniprot ID:Q13950

Applications: IHC:1:50-1:200

Organism:Rabbit

IHC-Polymer:1:200-1:800

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:1000

Molecular Weight Calculation: 57 kDa

WB:1:500-1:2000

Observed Molecular Weight: 57-60 kDa

Background:

RUNX2, also named as AML3, CBFA1, OSF2 and PEBP2A, is a Transcription factor which involved in osteoblastic differentiation and skeletal morphogenesis. It is essential for the maturation of osteoblasts and both intramembranous and endochondral ossification. CBF binds to the core site, 5'-PYGPYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, osteocalcin, osteopontin, bone sialoprotein, alpha 1(I) collagen, LCK, IL-3 and GM-CSF promoters. By similarity, RUNX2 inhibits MYST4-dependent transcriptional activation. The antibody is specific to RUNX2.

Protein full name:

runt-related transcription factor 2

Synonyms:

AML3, AML-3, CBF-alpha-1, Core-binding factor subunit alpha-1, OSF 2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

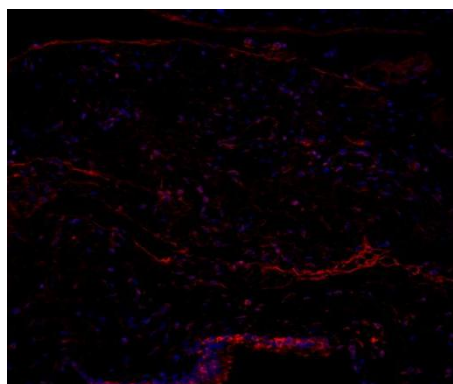
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse muscle, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:RUNX2(B18001L)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:RUNX2(B18001L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.