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RUNX2 (YD11349) Rabbit mAb

货号: AYD16015

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF FC
推荐浓度	**WB: 1:1000-1：3000:** **IHC-P: 1:100-1:800:** **ICC/IF: 1:100-1:800:** **FC: 1:50-1:100:**
理论分子量	57kDa
实测分子量	57-60 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,HeLa,Mouse testis
细胞定位	Nucleus, Cytoplasm
纯化	亲和纯化

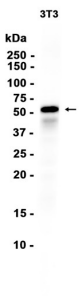
抗原信息

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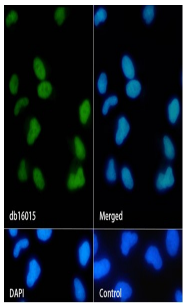
靶点信息

研究背景	This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphoge nesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric comp lex. Two regions of potential trinucleotide repeat expansions are present in the N-terminal region of the e ncoded protein, and these and other mutations in this gene have been associated with the bone develop ment disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms res ult from the use of alternate promoters as well as alternate splicing.
基因ID	860
基因名	RUNX2
Swiss	Q13950 (https://www.uniprot.org/uniprotkb/Q13950/entry)
别名	RUNX2 (YD11349),RUNX2 (YD11349) Rabbit mAb,RUNX2,Acute myeloid leukemia 3 protein,Core-binding f actor subunit alpha-1,Oncogene AML-3,Osteoblast-specific transcription factor 2,Polyomavirus enhancer-b inding protein 2 alpha A subunit,SL3-3 enhancer factor 1 alpha A subunit

产品验证



Western blot analysis of extracts from 3T3 cells using AYD16015 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling RUNX2 with AYD16015 The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% no rmal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16015(1: 200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goa t Anti Rabbit lgG (H+L)-AF488 。 Nuclear DNA was labeled in blue with DAPI.

实验步骤

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