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# RUNX2 Rabbit pAb

货号: **AYP11006**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IHC:</b> Mouse cartilage , Homo sapiens , Mus musculus , Rattus norvegicus <b>WB:</b> Homo sapiens,Mus musculus , mouse , Anatinae , Rattus norvegicus <b>WB、IF:</b> Homo sapiens,Mus musculus <b>ChIP:</b> Homo sapiens <b>IF:</b> Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	54kDa/55kDa/56kDa
实测分子量	60KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,HeLa,Mouse testis
细胞定位	Nucleus
纯化	Affinity purification

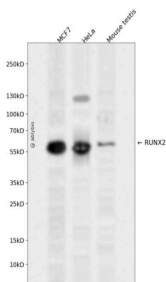
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human RUNX2 (NP_001019801.3).
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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 morphogenesis 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 complex. Two regions of potential trinucleotide repeat expansions are present in the N-terminal region of the encoded protein, and these and other mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing.
基因ID	860
基因名	RUNX2
Swiss	Q13950 ( <a href="https://www.uniprot.org/uniprotkb/Q13950/entry">https://www.uniprot.org/uniprotkb/Q13950/entry</a> )
别名	RUNX2,AML3,CBF-alpha-1,CBFA1,CCD,CCD1,CLCD,OSF-2,OSF2,PEA2aA,PEBP2aA,RUNX2 Rabbit pAb,Acute myeloid leukemia 3 protein,Core-binding factor subunit alpha-1,Oncogene AML-3,Osteoblast-specific transcription factor 2,Polyomavirus enhancer-binding protein 2 alpha A subunit,SL3-3 enhancer factor 1 alpha A subunit

## 产品验证



Western blot analysis of RUNX2 expressed in MCF7, HeLa, Mouse testis using RUNX2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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