

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	IHC: Mouse cartilage , Homo sapiens , Mus musculus , Rattus norvegicus WB: Homo sapiens,Mus musculus , mouse , Anatinae , Rattus norvegicus WB、IF: Homo sapiens,Mus musculus ChIP: Homo sapiens IF: Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 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

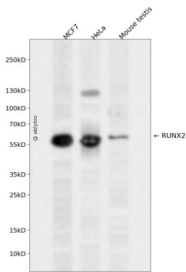
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human RUNX2 (NP_001019801.3).
序列	TITVFTNPPQVATYHRAIKVTVDGPREPRRHRQKLDDSKPSLFSDRLSDLGRIPHPSMRVGVPPQNPRPSLNSAPSPFNPQ GQSQITDPRQAQSSPPWSYD

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
别名	RUNX2;AML3;CBF-alpha-1;CBFA1;CCD;CCD1;CLCD;OSF-2;OSF2;PEA2aA;PEBP2aA

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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