产品名称：Six1 Rabbit Polyclonal Antibody
产品货号：APRab17921

产品概述（Summary）

产品名称（Production Name）	Six1 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ELISA
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	SIX1
别名（Alternative Names）	SIX1; Homeobox protein SIX1; Sine oculis homeobox homolog 1
基因 ID（Gene ID）	6495.0
蛋白 ID（SwissProt ID）	Q15475.The antiserum was produced against synthesized peptide derived from human SIX1. AA range:111-160

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量（Molecular Weight）	33kDa

研究背景（Background）

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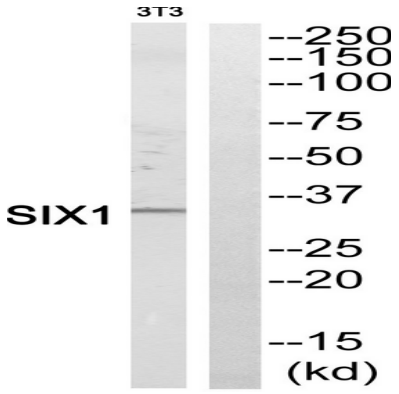
The protein encoded by this gene is a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in limb development. Defects in this gene are a cause of autosomal dominant deafness type 23 (DFNA23) and branchiootic syndrome type 3 (BOS3). [provided by RefSeq, Jul 2008],disease:Defects in SIX1 are the cause of autosomal dominant deafness type 23 (DFNA23) [MIM:605192].,disease:Defects in SIX1 are the cause of branchiootic syndrome type 3 (BOS3) [MIM:608389]. Urinary tract malformations constitute the most frequent cause of chronic renal failure in the first two decades of life. Branchio-oto-renal syndrome (BOR) is an autosomal dominant developmental disorder of kidney and urinary tract malformations with hearing loss. The major feature of BOR is hearing loss (93% of patients), which can be conductive, sensorineural, or both and varies in age of onset.,function:May be involved in limb tendon and ligament development.,similarity:Belongs to the SIX/Sine oculis homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Specifically expressed in skeletal muscle.,

研究领域（Research Area）

Epigenetics and Nuclear Signaling; Transcription; Cancer susceptibility; Proto-oncogenes; Domain Families; Developmental Families; Cell cycle; Cell Differentiation

图片（Image Data）



Western blot analysis of SIX1 Antibody. The lane on the right is blocked with the SIX1 peptide.

注意事项（Note）

For research use only .