

Product name:	Six1 Rabbit Polyclonal Antibody
Cat number:	ABN17921
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human SIX1. AA range:111-160
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight:	33kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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.,