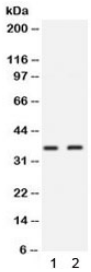
SIX1 Antibody (R32236)

Catalog No.	Formulation	Size
R32236	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q15475
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This SIX1 antibody is available for research use only.



Western blot testing of 1) MCF7 and 2) 22RV1 lysate with SIX1 antibody. Predicted molecular weight ~32 kDa.

Description

Homeobox protein SIX1 (Sineoculis homeobox homolog 1) is a protein that in humans is encoded by the SIX1 gene. It is mapped to 14q23.1. 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).

Application Notes

Optimal dilution of the SIX1 antibody should be determined by the researcher.

Immunogen

Amino acids NYSLPGLTASQPSHGLQTHQHQLQDSLLGPLTSSLVDL of human SIX1 were used as the immunogen for the SIX1 antibody.

Storage

After reconstitution, the SIX1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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