

## Anti-SIX1 Antibody Picoband® Biotin Conjugated

Catalog Number: PB9889-Biotin

### About SIX1

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).

### Overview

Product Name	Anti-SIX1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q15475

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SIX1, different from the related mouse sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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