

## SIX1 rabbit monoclonal antibody

Catalog # H00006495-K      Size 100 ug x up to 3

### Specification

Product Description	Rabbit monoclonal antibody raised against a human SIX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SIX1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SIX1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SIX1

Entrez GeneID	<a href="#">6495</a>
GeneBank Accession#	<a href="#">SIX1</a>
Gene Name	SIX1
Gene Alias	BOS3, DFNA23, TIP39
Gene Description	SIX homeobox 1
Omim ID	<a href="#">601205</a> <a href="#">605192</a> <a href="#">608389</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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 branchiootoc syndrome type 3 (BOS3). [provided by RefSeq]
Other Designations	sine oculis homeobox homolog 1