

Product datasheet for **TA330272**

SIX1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SIX1 antibody: synthetic peptide directed towards the middle region of human SIX1. Synthetic peptide located within the following region: SEEEFSPQSPDQNSVLLLQGNMGHARSSNYSLPGLTASQPSHGLQTHQH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	SIX homeobox 1
Database Link:	NP_005973 Entrez Gene 20471 Mouse Entrez Gene 6495 Human Q15475



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Background:

SIX1 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). 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). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

BOS3; DFNA23; TIP39

Note:

Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-SIX1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 721_B cell lysate SIX1 is supported by BioGPS gene expression data to be expressed in 721_B