

Rabbit SIX1 Polyclonal Antibody | anti-SIX1 antibody

SIX1 antibody - middle region

CATALOG # AAA197346	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	APPLICATIONS Immunohistochemistry, Western Blot
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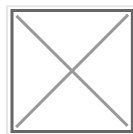
PRODUCT SYNONYMS

SIX1; Polyclonal Antibody; SIX1 antibody - middle region; anti-SIX1 antibody

PRODUCT SPECIFICATIONS

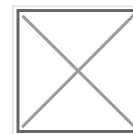
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: SE EEFSPPQSPD QNSVLLQGN MGHARSSNYS LPGLTASQPS HGLQTHQH
Sequence Length	284
Applicable Applications for anti-SIX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SIX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



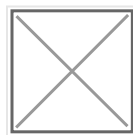
WB (Western Blot)

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



WB (Western Blot)

Host: Mouse
Target Name: SIX1
Sample Tissue: Mouse Spleen
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-SIX1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic, Nuclear
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-SIX1 antibody	This is a rabbit polyclonal antibody against SIX1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-SIX1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Neuroscience; Disease Related; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174681
NCBI GeneID	6495
NCBI Accession #	NP_005973
NCBI GenBank Nucleotide #	NM_005982
UniProt Accession #	Q15475
Molecular Weight	32kDa
NCBI Official Full Name	homeobox protein SIX1
NCBI Official Synonym Full Names	SIX homeobox 1
NCBI Official Symbol	SIX1
NCBI Official Synonym Symbols	BOS3; TIP39; DFNA23
NCBI Protein Information	homeobox protein SIX1
UniProt Protein Name	Homeobox protein SIX1
UniProt Gene Name	SIX1
UniProt Entry Name	SIX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/six1-antibody-immunohistochemistry-western-blot-elisa/197346>