Datasheet for ABIN562881

anti-SIX Homeobox 1 antibody (AA 1-284)

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Overview

Quantity:	50 µL
Target:	SIX Homeobox 1 (SIX1)
Binding Specificity:	AA 1-284
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SIX Homeobox 1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length recombinant SIX1.
Immunogen:	SIX1 (AAH08874, 1 a.a. ~ 284 a.a) full-length recombinant protein with GST tag.
Sequence:	MSMLPSFGFT QEQVACVCEV LQQGGNLERL GRFLWSLPAC DHLHKNESVL KAKAVVAFHR GNFRELYKIL ESHQFSPHNH PKLQQLWLKA HYVEAEKLCG RPLGAVGKYR VRRKFPLPRT IWDGEETSYC FKEKSRGVLR EWYAHNPYPS PREKRELAEA TGLTTTQVSN WFKNRRQRDR AAEAKERENT ENNNSSSNKQ NQLSPLEGGK PLMSSSEEEF SPPQSPDQNS VLLLQGNMGH ARSSNYSLPG LTASQPSHGL QTHQHQLQDS LLGPLTSSLV DLGS
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	SIX Homeobox 1 (SIX1)
Alternative Name:	SIX1 (SIX1 Products)
Background:	Full Gene Name: SIX homeobox 1 Synonyms: BOS3,DFNA23,TIP39
Gene ID:	6495
Pathways:	Sensory Perception of Sound, Regulation of Muscle Cell Differentiation, Tube Formation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Hetzler, Collins, Shanely, Sue, Kostek: "The homoeobox gene SIX1 alters myosin heavy chain isoform expression in mouse skeletal muscle." in: **Acta physiologica (Oxford, England)**, Vol. 210, Issue 2, pp. 415-28, (2015) (PubMed). Gordon, Delgado Díaz, White, Carson, Kostek: "Six1 and Six1 cofactor expression is altered during early skeletal muscle overload in mice." in: **The journal of physiological sciences : JPS**, Vol. 62, Issue 5, pp. 393-401, (2012) (PubMed).