

Rabbit SIX6 Polyclonal Antibody | anti-SIX6 antibody

Rabbit anti-SIX6 Antibody

CATALOG # AAA221216	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

SIX6; Polyclonal Antibody; Rabbit anti-SIX6 Antibody; OPTX2; SIX9; Homeobox protein SIX6; Homeodomain protein OPTX2; Optic homeobox 2; Sine oculis homeobox homolog 6; anti-SIX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SIX6 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SIX6. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of SIX6 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of SIX6 expression in Jurkat (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SIX6 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186910311
NCBI GeneID	4990

NCBI Accession #	NP_031400.2
NCBI GenBank Nucleotide #	NM_007374.2
UniProt Accession #	O95475; Q9QZ28
Molecular Weight	27,687 Da
NCBI Official Full Name	homeobox protein SIX6
NCBI Official Synonym Full Names	SIX homeobox 6
NCBI Official Symbol	SIX6
NCBI Official Synonym Symbols	Six9; OPTX2; MCOPCT2
NCBI Protein Information	homeobox protein SIX6; optic homeobox 2; homeodomain protein OPTX2; sine oculis homeobox homolog 6
UniProt Protein Name	Homeobox protein SIX6
UniProt Gene Name	SIX6
UniProt Synonym Gene Names	OPTX2; SIX9
UniProt Entry Name	SIX6_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/six6-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221216>