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anti-SIX Homeobox 6 antibody (Internal Region)

Images



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Overview	
Quantity:	100 μL
Target:	SIX Homeobox 6 (SIX6)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIX Homeobox 6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human SIX6, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	SIX6 Antibody detects endogenous levels of total SIX6.
Predicted Reactivity:	Pig,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	SIX Homeobox 6 (SIX6)

Target Details

Alternative Name:	SIX6 (SIX6 Products)
Background:	Description: May be involved in eye development. Gene: SIX6
Molecular Weight:	28 kDa
Gene ID:	4990
UniProt:	095475

Application Details

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



kDa 250— 150— 100— 75— 50— 37— 25— 20— 15—

Immunofluorescence (fixed cells)

Image 1. ABIN6274138 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

Western Blotting

Image 2. Western blot analysis of extracts from HUVEC cells using SIX6 antibody.