

Datasheet for ABIN870636
anti-SIM1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	SIM1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SIM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SIM1
Immunogen:	Peptide with sequence C-SGDRYRTEQYQS, from the internal region of the protein sequence according to NP_005059.2.
Sequence:	SGDRYRTEQY QS
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

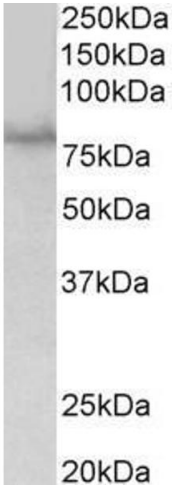
Target:	SIM1
Alternative Name:	SIM1 (SIM1 Products)
Background:	SIM1, single-minded homolog 1 (Drosophila), bHLHe14, OTTHUMP00000016902, class E basic helix-loop-helix protein 14, single-minded homolog 1
Molecular Weight:	85.5kDa
Gene ID:	6492, 20464, 309888
NCBI Accession:	NP_005059

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in lysates of cell line HEK293 (calculated MW of 85.5 kDa according to NP_005059.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN870636 (1µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.