



## SIM1 Antibody

CATALOG NUMBER: 42-875



Western Blot (1ug/ml) staining of HEK293 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:2000. Western Blot: Approx 80kDa band observed in lysates of cell line HEK293 (calculated MW of 85.5kDa according to NP_005059.2). Recommended concentration: 1-3ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1210 - 293 Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	Approx 80 kDa
<b>IMMUNOGEN:</b>	SIM1 Antibody was raised against a 12 amino acid sequence near the internal region of SIM1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	SIM1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	single-minded homolog 1, class E basic helix-loop-helix protein 14, OTTHUMP00000016902, bHLHe14, single-minded homolog 1 (Drosophila), SIM1, BHLHE14
<b>ACCESSION NO.:</b>	NP_005059.2
<b>PROTEIN GI NO.:</b>	21614542

OFFICIAL SYMBOL: SIM1

GENE ID: 6492

## Background

FOR RESEARCH USE ONLY

December 13, 2016