

Datasheet for ABIN571281
anti-SIM2 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	SIM2
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SIM2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	SIM2
Immunogen:	C-SDLLYTPSYS
Sequence:	SDLLYTPSYS
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_005060.1, NP_033664.2).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SIM2
Alternative Name:	SIM2 (SIM2 Products)
Background:	SIM2, single-minded homolog 2 (Drosophila), MGC119447, SIM, bHLHe15, OTTHUMP00000109044, class E basic helix-loop-helix protein 15, single-minded homolog 2, single-minded homolog 2, short isoform, transcription factor SIM2
Gene ID:	6493, 20465, 304071
NCBI Accession:	NP_005060 , NP_033664

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in fetal Mouse Kidney lysates (calculated MW of 73.2 kDa according to Human NP_005060.1) and 72.5 kDa according to Mouse NP_035507.2. Recommended concentration: 0.5-2 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
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. ABIN571281 (0.5µg/ml) staining of fetal Mouse kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.