

SIM1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3410a**Specification**

SIM1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P81133
Other Accession	NP_005059.2 , 6492 , 20464 (mouse) , 309888 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	85515

SIM1 Antibody (internal region) - Additional Information**Gene ID** 6492**Other Names**

Single-minded homolog 1, Class E basic helix-loop-helix protein 14, bHLHe14, SIM1, BHLHE14

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SIM1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SIM1 Antibody (internal region) - Protein Information**Name** SIM1**Synonyms** BHLHE14**Function**

Transcriptional factor that may have pleiotropic effects during embryogenesis and in the adult.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00632, ECO:0000255|PROSITE-ProRule:PRU00981}

SIM1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SIM1 Antibody (internal region) - Images

AF3410a (1 µg/ml) staining of HEK293 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SIM1 Antibody (internal region) - References

Analysis of the SIM1 contribution to polygenic obesity in the French population. Ghoussaini M, Stutzmann F, Couturier C, Vatin V, Durand E, Lecoœur C, Degraeve F, Heude B, Tauber M, Hercberg S, Levy-Marchal C, Tounian P, Weill J, Traurig M, Bogardus C, Baier LJ, Michaud JL, Froguel P, Meyre D, Obesity (Silver Spring, Md.) 2010 Aug 18 (8): 1670-5. PMID: 20075856