

Rabbit SIM2 Polyclonal Antibody | anti-SIM2 antibody

SIM2 Polyclonal Antibody

CATALOG # AAA281250	HOST Rabbit	APPLICATIONS Western Blot
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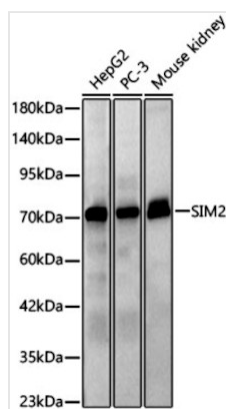
PRODUCT SYNONYMS

SIM2; Polyclonal Antibody; SIM2 Polyclonal Antibody; bHLHe15; HMC13F06; HMC29C01; SIM; anti-SIM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	LSLEQVSTAK SQDSWRTALS TSQETRKLVK PKNTKMKTKL RTNPYPQQY SSFQMDKLEC GQLGNWRASP PASAAAPPEL QPHSESSDLL YTPSYSLPFS YHYGHFPLDS HVFSSKKPML PAKFGQPQGS PCEVARFFLS TLPASGECQW HYANPLVPSS SSPAKNPPEP PANTARHSLV PSYE
Sequence Length	667
Applicable Applications for anti-SIM2 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 342-525 of human SIM2 (NP_033664.2).
Species Reactivity / Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using SIM2 Rabbit pAb (AAA281250) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SIM2 antibody	This gene represents a homolog of the Drosophila single-minded (sim) gene, which encodes a transcription factor that is a master regulator of neurogenesis. The encoded protein is ubiquitinated by RING-IBR-RING-type E3 ubiquitin ligases, including the parkin RBR E3 ubiquitin protein ligase. This gene maps within the so-called Down syndrome chromosomal region, and is thus thought to contribute to some specific Down syndrome phenotypes. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-SIM2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4827004
NCBI GeneID	6493
NCBI Accession #	NP_005060.1
NCBI GenBank Nucleotide #	NM_005069.5
UniProt Accession #	Q14190; O60766; Q15470; Q15471; Q15472; Q15473; Q16532; Q2TBD8
Molecular Weight	Observed MW: 73kDa Calculated MW: 73kDa
NCBI Official Full Name	single-minded homolog 2 long isoform
NCBI Official Synonym Full Names	single-minded family bHLH transcription factor 2
NCBI Official Symbol	SIM2
NCBI Official Synonym Symbols	SIM; bHLHe15; HMC13F06; HMC29C01
NCBI Protein Information	single-minded homolog 2
UniProt Protein Name	Single-minded homolog 2
UniProt Gene Name	SIM2
UniProt Synonym Gene Names	BHLHE15; bHLHe15

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sim2-antibody-western-blot-elisa/281250>