

Rabbit anti-Human, mouse SOSTDC1 Polyclonal Antibody | anti-SOSTDC1 antibody

SOSTDC1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287155	Rabbit	Human, mouse	ELISA, Western Blot

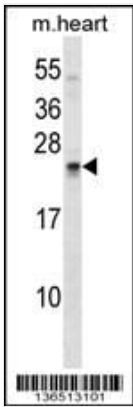
PRODUCT SYNONYMS

SOSTDC1; Polyclonal Antibody; SOSTDC1 Antibody (C-term); Sclerostin domain-containing protein 1; Ectodermal BMP inhibitor; Ectodin; Uterine sensitization-associated gene 1 protein; USAG-1; USAG1; anti-SOSTDC1 antibody

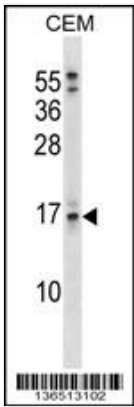
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOSTDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-196 amino acids from the C-terminal region of human SOSTDC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	169-196
Sequence Length	230
Applicable Applications for anti-SOSTDC1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SOSTDC1 Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the SOSTDC1 antibody detected the SOSTDC1 protein (arrow).



WB (Western Blot)
SOSTDC1 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the SOSTDC1 antibody detected the SOSTDC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SOSTDC1 antibody	This gene is a member of the sclerostin family and encodes an N-glycosylated, secreted protein with a C-terminal cystine knot-like domain. This protein functions as a bone morphogenetic protein (BMP) antagonist. Specifically, it directly associates with BMPs, prohibiting them from binding their receptors, thereby regulating BMP signaling during cellular proliferation, differentiation, and programmed cell death.
Product Categories/Family for anti-SOSTDC1 antibody	Signal Transduction
References	Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) : Ohshima, J., et al. Genes Chromosomes Cancer 48(12):1037-1050(2009) Blish, K.R., et al. Mol. Biol. Cell 19(2):457-464(2008) Lamesch, P., et al. Genomics 89(3):307-315(2007) Yanagita, M. Cytokine Growth Factor Rev. 16(3):309-317(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943785
NCBI GeneID	25928
NCBI Accession #	NP_056279.1
NCBI GenBank Nucleotide #	NM_015464.2
UniProt Accession #	Q6X4U4; Q96HJ7; Q9Y3U3; A8MUA6
Molecular Weight	23307
NCBI Official Full Name	sclerostin domain-containing protein 1
NCBI Official Synonym Full Names	sclerostin domain containing 1
NCBI Official Symbol	SOSTDC1
NCBI Official Synonym Symbols	USAG1; CDA019; ECTODIN
NCBI Protein Information	sclerostin domain-containing protein 1
UniProt Protein Name	Sclerostin domain-containing protein 1

UniProt Gene Name	SOSTDC1
UniProt Synonym Gene Names	USAG1; Ectodin; USAG-1
UniProt Entry Name	SOSD1_HUMAN

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://stage.aaabiotech.com/polyclonal/sostdc1-antibody-western-blot-elisa/287155>