

## SOSTDC1 Polyclonal Antibody

Catalog No: #29804

Package Size: #29804-1 50ul #29804-2 100ul

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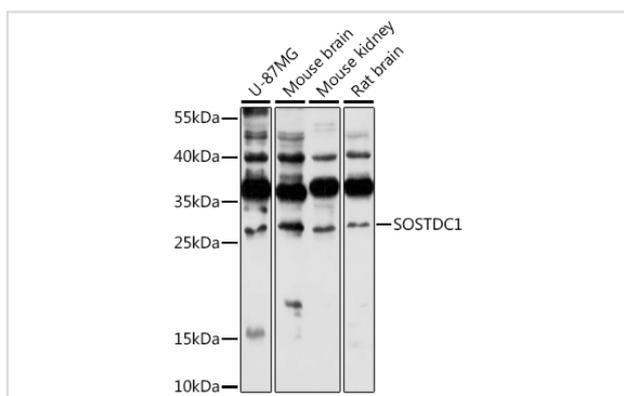
## Description

|                       |  |
|-----------------------|--|
| Product Name          | SOSTDC1 Polyclonal Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | WB   |
| Species Reactivity    | Human,Mouse,Rat  |
| Immunogen Description | Recombinant fusion protein of human SOSTDC1 (NP_056279.1).             |
| Other Names           | SOSTDC1; CDA019; DAND7; ECTODIN; USAG1; sclerostin domain containing 1 |
| Accession No.         | Swiss-Prot#:Q6X4U4NCBI Gene ID:25928                                   |
| Uniprot               | Q6X4U4   |
| GeneID                | 25928;   |
| Calculated MW         | 26kDa  |
| Formulation           | Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.      |
| Storage               | Store at -20°C   |

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using SOSTDC1 at 1:1000 dilution.

## Background

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.

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Note: This product is for in vitro research use only