

## Anti-SOSTDC1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P103265

### Product Information

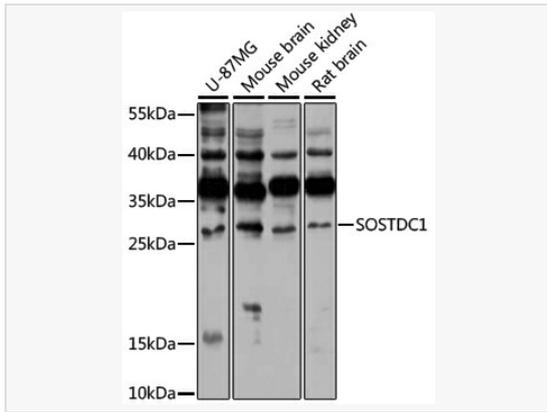
Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 115-206 of human SOSTDC1 (NP_056279.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SOSTDC1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	DAND7; USAG1; CDA019; ECTODIN; SOSTDC1.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 26 kDa
Uniprot ID	Q6X4U4
Gene ID	25928
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.

## Validation Images

---



Western blot analysis of various lysates using SOSTDC1 Rabbit pAb (P103265) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 3min.