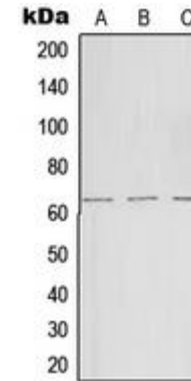


Anti-Frizzled 9 Antibody

CATALOG NO:	A1633-100
ALTERNATIVE NAMES:	PROML1; Prominin-1; Antigen AC133; Prominin-like protein 1; CD133
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Frizzled 9
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of Frizzled 9 protein
SPECIES REACTIVITY:	Human, Mouse, Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Receptor for WNT2 that is coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. Plays a role in neuromuscular junction (NMJ) assembly by negatively regulating the clustering of acetylcholine receptors (AChR) through the beta-catenin canonical signaling pathway (By similarity). May play a role in neural progenitor cells (NPCs) viability through the beta-catenin canonical signaling pathway by negatively regulating cell cycle arrest leading to inhibition of neuron apoptotic process. During hippocampal development, regulates neuroblast proliferation and apoptotic cell death. Controls bone formation through non canonical Wnt signaling mediated via ISG15. Positively regulates bone regeneration through non canonical Wnt signaling.
APPLICATION:	WB; 1:500 – 1:1000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of Frizzled 9 expression in HEK293T (A); Raw264.7 (B); PC12 (C) whole cell lysates.

RELATED PRODUCTS:

- Human CellExp™ Frizzled-2/FZD2 Protein, Human recombinant (**Cat. No. P1026**)
- Human CellExp™ Frizzled-5/FZD5 Protein, Human recombinant (**Cat. No. P1028**)
- Human CellExp™ Frizzled-4/FZD4 Protein, Human recombinant (**Cat. No. P1027**)
- Human CellExp™ Frizzled-7/FZD7 Protein, Human recombinant (**Cat. No. P1029**)

FOR RESEARCH USE ONLY! Not to be used on humans.