

## GREMLIN Antibody (C-term)

Catalog_no :	AB2368
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:147-175
Specificity :	This GREMLIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-175 amino acids from the C-terminal region of human GREMLIN.
Dilution :	WB,1:2000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Gremlin-1, Cysteine knot superfamily 1, BMP antagonist 1, Down-regulated in Mos-transformed cells protein, Grem1, Cktsf1b1, Drm
Isotype :	Rabbit Ig
Background :	GREMLIN is a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted glycosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to relay the sonic hedgehog (SHH) signal from the polarizing region to the apical ectodermal ridge during limb bud outgrowth.
reference :	Chen, B., et al., J. Immunol. 173(10):5914-5917 (2004). Chen, B., et al., Biochem. Biophys. Res. Commun. 295(5):1135-1141 (2002). McMahon, R., et al., J. Biol. Chem. 275(14):9901-9904 (2000). Murphy, M., et al., J. Biol. Chem. 274(9):5830-5834 (1999)