

## Product datasheet

anti-Capping Protein beta-3 (N-terminus) guinea pig polyclonal, serum

### Short overview

<b>Cat. No.</b>	GP-SH5
<b>Quantity</b>	100 µl

### Product description

<b>Host</b>	Guinea pig
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Synthetic N-terminal domain (aa 19-33: VGTADYGGASDQSDQ-C) of bovine F-actin beta-3 subunit capping protein, coupled to KLH
<b>Formulation</b>	Contains 0.09% sodium azide and 0.5% BSA
<b>UniprotID</b>	P79136 (Bovine)
<b>Note</b>	Centrifuge prior to opening
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Stabilized antiserum
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	WB
<b>Reactivity</b>	Bovine

### Applications

<b>Western Blot (WB)</b>	1:2,000
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### Background

Reactive polypeptide: specific for F-actin capping protein (3b subunit; MW 33,740, pI 6.36, calculated from sequence data; Mr 37,000 on SDS-PAGE).

### Product images



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## References

Publication	Species	Application
<a href="#">Inagaki, Y. et al. The expression of human testis-specific actin capping protein predicts in vitro fertilization outcomes: A novel biomarker of sperm function for assisted reproductive technology. <i>Reprod Med Biol.</i> 20, 537-542(2021).</a>	human	IHC/IF
<a href="#">von Bålow, M., Rackwitz, H. R., Zimbelmann, R. &amp; Franke, W. W. CP beta3, a novel isoform of an actin-binding protein, is a component of the cytoskeletal calyx of the mammalian sperm head. <i>Exp. Cell Res.</i> 233, 216-224 (1997).</a>	bovine	WB,ICC-IF