

Product datasheet

anti-Cylicin II guinea pig polyclonal, serum

Short overview

Cat. No.	GP-SH2
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Bovine recombinant cylicin II, coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	Q28092 (Bovine), Q14093 (Human)
Synonym	Cylicin-2, Cylicin II, Multiple-band polypeptide II, CYLC2, CYL2
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, WB
Reactivity	Bovine, Human

Applications

Immunohistochemistry (IHC) - frozen	1:100
Western Blot (WB)	1:2,000

Background

Reactive polypeptide (specificity): Cylicin II (MW 53,561, deduced from sequence analysis), a basic protein (IEP 10.55) of the sperm head cytoskeleton with Mr 58,000 on SDS-PAGE; multiple band proteins with MW 58, 63, 69 and 74 kDa of calyx-associated polypeptides of bovine spermatozoa. Especially useful in discrimination of morphologically altered "round-headed" spermatozoa.

Product images



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References

Publication	Species	Application
Hess, H. The Protein Complexity of the Cytoskeleton of Bovine and Human Sperm Heads: The Identification and Characterization of Cylicin II. Exp. Cell Res. 218, 174-182 (1995).	bovine	ICC-IF
Hess, H., Heid, H. & Franke, W. W. Molecular characterization of mammalian cylicin, a basic protein of the sperm head cytoskeleton. J. Cell Biol. 122, 1043-52 (1993).	bovine	WB,ICC-IF