

Product datasheet for **BP5111**

CYLC2 Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 1/100 for 1h at RT. Immunoblotting: 1/2,000 for Western Blotting (ECL).
Reactivity:	Bovine, Human
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Bovine recombinant Cylicin II, coupled to KLH.
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.
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	cylicin 2
Database Link:	Entrez Gene 1539 Human Q14093
Background:	CYCL2 (Cylicin II) is specifically expressed in testis and is part of the cytoskeletal calyx of mammalian sperm heads. Cylicin II may play a role in the morphogenesis of the sperm head and may be involved in spermatid differentiation.
Synonyms:	Cylicin II, CYLC2, CYL2



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