

Product datasheet for **BP5108**

Capza3 (N-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/2000 for 1h at RT (ECL method).
Reactivity:	Bovine, Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic N-terminal domain (aa 2-17: SLSVLSRKEKEKVIHR-C) of mouse F-actin α 3 subunit, coupled to KLH (for sequence data see below ref. Tanaka et al., 1994)
Specificity:	Specific for F-Actin capping protein (α 3 subunit; MW 32,967, pI 6.91 calculated from sequence data; Mr 31,000 on SDS-PAGE; for different sequence data MW 35,024 and pI 7.61 see <i>Tanaka et al.</i>).
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	capping protein (actin filament) muscle Z-line, alpha 3
Database Link:	Entrez Gene 12344 Mouse P70190
Background:	CAPZA3 belongs to the F actin capping protein alpha subunit family. It is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. It may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility.
Synonyms:	CapZ alpha-3, Germ cell-specific protein 3, CAPAA3, CP-alpha-3, GSG3



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