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## Datasheet for ABIN630166 anti-SEMG1 antibody (C-Term)

Image



Overview

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Quantity:	100 µg
Target:	SEMG1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMG1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

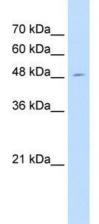
Immunogen:	Semenogelin I antibody was raised using the C terminal of SEMG1 corresponding to a region
	with amino acids GENGVQKDVSQSSIYSQTEEKAQGKSQKQITIPSQEQEHSQKANKISYQS
Specificity:	Semenogelin I antibody was raised against the C terminal of SEMG1
Purification:	Purified

### Target Details

Target:	SEMG1
Alternative Name:	Semenogelin I (SEMG1 Products)
Background:	SEMG1 is the predominant protein in semen. The secreted protein is involved in the formation of a gel matrix that encases ejaculated spermatozoa. The prostate-specific antigen (PSA)
	protease processes this protein into smaller peptides, with each possibly having a separate

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Target Details	
	function. The proteolysis process breaks down the gel matrix and allows the spermatozoa to move more freely.
Molecular Weight:	51 kDa (MW of target protein)
Application Details	
Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Semenogelin I Blocking Peptide, catalog no. 33R-3239, is also available for use as a blocking control in assays to test for specificity of this Semenogelin I antibody
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SEMG1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



#### Western Blotting

**Image 1.** Semenogelin I antibody used at 1.25 ug/ml to detect target protein.

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