

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



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1 Image

Overview

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

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.