

Datasheet for ABIN5532165
anti-SEMG1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SEMG1
Binding Specificity:	AA 92-121, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SEMG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-121 amino acids from the N-terminal region of human SEMG1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SEMG1
Alternative Name:	SEMG1 (SEMG1 Products)
Background:	The protein encoded by this gene is the predominant protein in semen. The encoded 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

Target Details

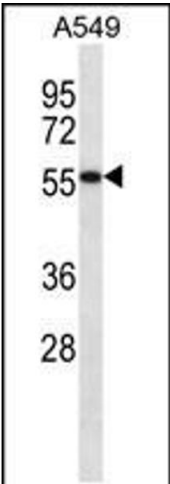
	possibly having a separate function. The proteolysis process breaks down the gel matrix and allows the spermatozoa to move more freely.
Molecular Weight:	52 kDa
Gene ID:	6406
UniProt:	P04279

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in A549 cell line lysates (35ug/lane).