

Datasheet for ABIN2785535
anti-SPA17 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SPA17
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Cow, Sheep, Dog, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPA17 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SPA17
Sequence:	MSIPFSNTHY RIPQGFGNLL EGLTREILRE QPDNIPAFAA AYPESLLEKR
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SPA17. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SPA17
Alternative Name:	SPA17 (SPA17 Products)

Target Details

Background:	<p>This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity to human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22.</p> <p>Alias Symbols: SP17, SP17-1, CT22</p> <p>Protein Interaction Partner: MYL6B, ROPN1, AKAP7, UBC, ROPN1B, AKAP3,</p> <p>Protein Size: 151</p>
-------------	---

Molecular Weight:	17 kDa
-------------------	--------

Gene ID:	53340
----------	-------

NCBI Accession:	NM_017425 , NP_059121
-----------------	---

UniProt:	Q15506
----------	------------------------

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
--------------------	--

Comment:	Antigen size: 151 AA
----------	----------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	Lot specific
----------------	--------------

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
---------	---

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

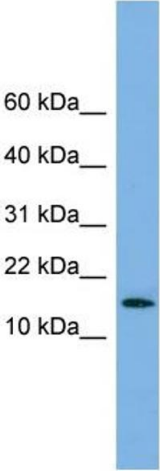
Handling Advice:	Avoid repeated freeze-thaw cycles.
------------------	------------------------------------

Storage:	-20 °C
----------	--------

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

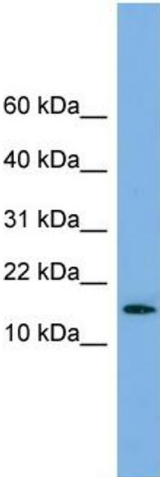
Images



60 kDa__
40 kDa__
31 kDa__
22 kDa__
10 kDa__

Western Blotting

Image 1. WB Suggested Anti-SPA17 Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human heart



60 kDa__
40 kDa__
31 kDa__
22 kDa__
10 kDa__

Rabbit Anti-SPA17 Antibody
Catalog Number: ARP53719
Lot Number: QC29208
Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 10-20%

Western Blotting

Image 2. WB Suggested Anti-SPA17
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: Human heart