

Datasheet for ABIN2775374  
**anti-SMR3A antibody (Middle Region)**



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1 Image

1 Publication

## Overview

Quantity:	100 µL
Target:	SMR3A
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMR3A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SMR3A
Sequence:	YGPGRIPPSP PPPYGPGRIQ SHSLPPPYGP GYPQPPSQPR PYPPGPPFFP
Predicted Reactivity:	Cow: 75%, Horse: 91%, Human: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against SMR3A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SMR3A
Alternative Name:	SMR3A ( <a href="#">SMR3A Products</a> )

## Target Details

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Background: SMR3A may play a role in protection or detoxification.  
Alias Symbols: P-B1, PBI, PRL5, PROL5  
Protein Size: 134

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Molecular Weight: 12 kDa

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Gene ID: 26952

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NCBI Accession: [NM\\_012390](#), [NP\\_036522](#)

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UniProt: [Q99954](#)

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## Application Details

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

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Comment: Antigen size: 134 AA

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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

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Preservative: Sodium azide

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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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.

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## Publications

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Product cited in: Tong, Tar, Monroe, DiSanto, Melman, Davies: "hSMR3A as a marker for patients with erectile dysfunction." in: **The Journal of urology**, Vol. 178, Issue 1, pp. 338-43, (2007) ([PubMed](#)).



### Western Blotting

**Image 1.** WB Suggested Anti-SMR3A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Small Intestine