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# anti-SMR3A antibody (Middle Region)





Publication



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### 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 (SMR3A Products)

# **Target Details**

Background:	SMR3A may play a role in protection or detoxification.  Alias Symbols: P-B1, PBI, PRL5, PROL5
Molecular Weight:	Protein Size: 134  12 kDa
Gene ID:	26952
NCBI Accession:	NM_012390, NP_036522
UniProt:	Q99954

# **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 134 AA
Restrictions:	For Research Use only

# Handling

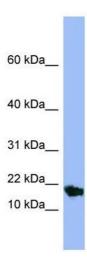
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

### **Publications**

Product cited in:

Storrs, Silverstein: "PATJ, a tight junction-associated PDZ protein, is a novel degradation target of high-risk human papillomavirus E6 and the alternatively spliced isoform 18 E6." in: **Journal of virology**, Vol. 81, Issue 8, pp. 4080-90, (2007) (PubMed).

# **Images**



# **Western Blotting**

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