

Datasheet for ABIN2776899
anti-SMPX antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SMPX
Sequence:	TPEVEEGVPP TSDEEKKPIP GAKKLPGPAV NLSEIQNIKS ELKYVPKAEQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SMPX. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	SMPX
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Target Details

Alternative Name:	SMPX (SMPX Products)
Background:	<p>SMPX plays a role in the regulatory network through which muscle cells coordinate their structural and functional states during growth, adaptation, and repair.</p> <p>Alias Symbols: DFNX4</p> <p>Protein Size: 88</p>
Molecular Weight:	9 kDa
Gene ID:	23676
NCBI Accession:	NM_014332 , NP_055147
UniProt:	B1AWX2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 88 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.



Western Blotting

Image 1. WB Suggested Anti-SMPX Antibody Titration:
2.5ug/ml Positive Control: Human Muscle