

Datasheet for ABIN2790503
anti-SMTNL1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SMTNL1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMTNL1 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 SMTNL1
Sequence:	REAGGKEDAE AELKKEDGEK EETTVGSQEM TGRKEETKSE PKEAEEKEST
Predicted Reactivity:	Dog: 85%, Human: 100%, Pig: 77%, Yeast: 79%
Characteristics:	This is a rabbit polyclonal antibody against SMTNL1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SMTNL1
Alternative Name:	SMTNL1 (SMTNL1 Products)

Target Details

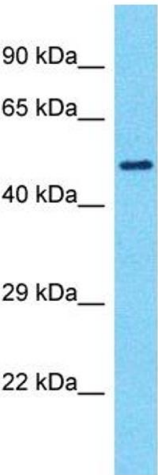
Background:	SMTNL1 plays a role in the regulation of contractile properties of both striated and smooth muscles. When unphosphorylated, it may inhibit myosin dephosphorylation. Phosphorylation at Ser-299 reduces this inhibitory activity Protein Size: 457
Molecular Weight:	50 kDa
UniProt:	A8MU46

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.



Host: Rabbit
Target Name: SMTNL1
Sample Tissue: Jurkat Cell Lysate
Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: SMTNL1 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml