

Datasheet for ABIN927654  
**anti-SMYD1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	SMYD1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMYD1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	SMYD1 antibody was raised in rabbit using the N terminal of SMYD1 as the immunogen
Cross-Reactivity:	Rat (Rattus), Dog (Canine), Pig (Porcine), Cow (Bovine), Human, Chicken, Frog
Purification:	Purified

## Target Details

Target:	SMYD1
Alternative Name:	SMYD1 ( <a href="#">SMYD1 Products</a> )
Background:	SMYD1 is a histone methyltransferases and plays a critical role in myofibril organization during myofiber maturation. Synonyms: Polyclonal SMYD1 antibody, Anti-SMYD1 antibody.
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SMYD1 Blocking Peptide, catalog no. 33R-5940, is also available for use as a blocking control in assays to test for specificity of this SMYD1 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** SMYD1 antibody used at 0.2-1 ug/ml to detect target protein.