

Datasheet for ABIN7118984 **anti-SMYD3 antibody**

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Overview

Quantity:	100 µg
Target:	SMYD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMYD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	SET and MYND domain containing 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SMYD3
Alternative Name:	SMYD3 (SMYD3 Products)
Background:	Synonyms:ZMYND1, ZNFN3A1 Background:Histone methyltransferase. Specifically methylates 'Lys-4' of histone H3, inducing di-and tri-methylation, but not monomethylation(PubMed:15235609, PubMed:22419068). Also methylates 'Lys-5' of histone H4(PubMed:22419068). Plays an important role in transcriptional activation as a member of an

Target Details

	RNA polymerase complex(PubMed:15235609). Binds DNA containing 5'-CCCTCC-3' or 5'-GAGGGG-3' sequences(PubMed:15235609).
Molecular Weight:	42-45 kDa
Gene ID:	64754
UniProt:	Q9H7B4

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months