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Datasheet for ABIN7155523
anti-SMYD3 antibody (AA 199-428)

2 Images

Overview

Quantity:	100 µL
Target:	SMYD3
Binding Specificity:	AA 199-428
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMYD3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Histone-lysine N-methyltransferase SMYD3 protein (199-428AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SMYD3
Alternative Name:	SMYD3 (SMYD3 Products)
Background:	Background: Histone methyltransferase. Specifically methylates '\\Lys-4\\' and '\\Lys-5\\' of histone H3, inducing di- and tri-methylation, but not monomethylation. Plays an important role

Target Details

in transcriptional activation as a member of an RNA polymerase complex. Binds DNA containing 5'-'CCCTCC-3'' or 5'-'GAGGGG-3'' sequences.

Aliases: bA74P14.1 (novel protein) antibody, bA74P14.1 antibody, FLJ21080 antibody, histone lysine N methyltransferase SMYD3 antibody, KMT3E antibody, MGC104324 antibody, SET and MYND domain containing 3 antibody, SET and MYND domain containing protein 3 antibody, SET and MYND domain-containing protein 3 antibody, SMYD 3 antibody, Smyd3 antibody, SMYD3 protein antibody, SMYD3_HUMAN antibody, Zinc finger MYND domain containing 1 antibody, Zinc finger MYND domain containing protein 1 antibody, Zinc finger MYND domain-containing protein 1 antibody, Zinc finger protein subfamily 3A MYND domain containing 1 antibody, Zinc finger protein, subfamily 3A (MYND domain containing), 1 antibody, ZMYND 1 antibody, ZMYND1 antibody, ZNFN3A1 antibody

UniProt: [Q9H7B4](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

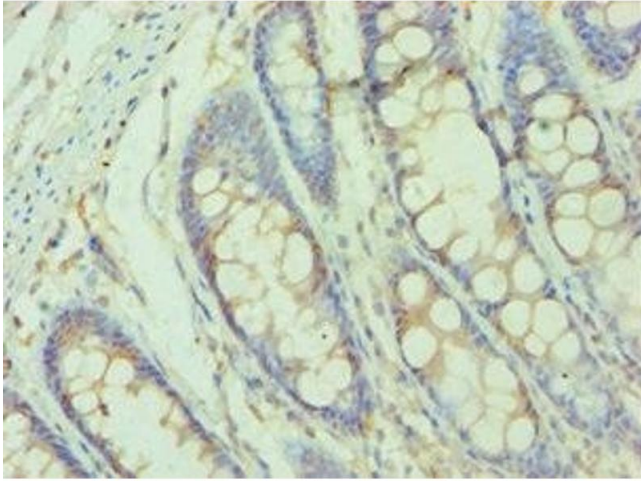
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

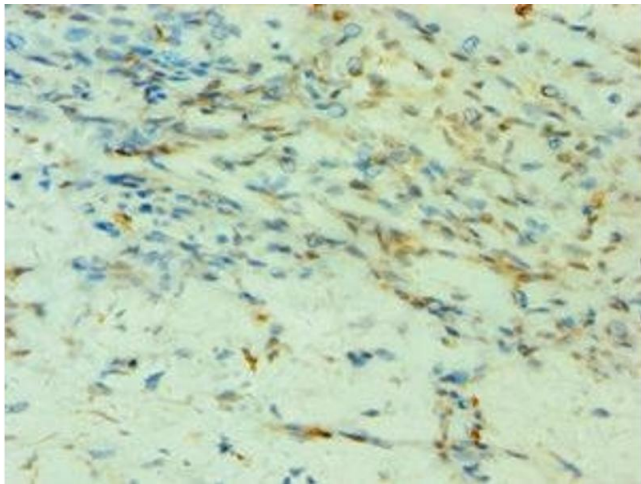
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7155523 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7155523 at dilution of 1:100