Datasheet for ABIN7131042

anti-SETD2 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	SETD2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETD2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human SETD2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	SETD2
Alternative Name:	SETD2 (SETD2 Products)
Background:	Background: Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein belonging to a class of huntingtin interacting proteins characterized by WW motifs. This protein is a histone methyltransferase that is specific for

Target Details

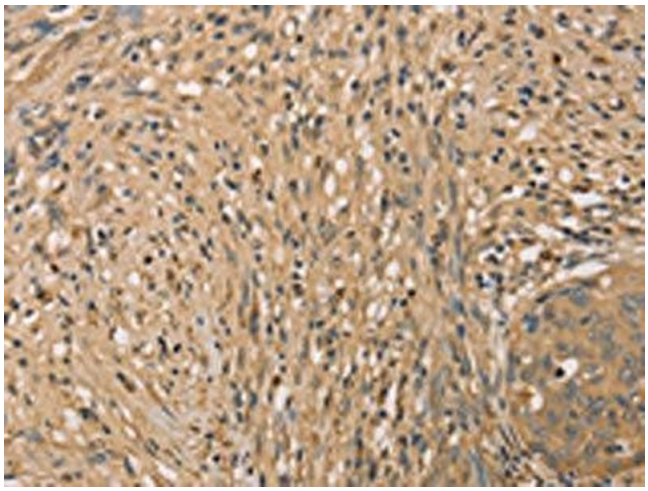
	lysine-36 of histone H3, and methylation of this residue is associated with active chromatin. This protein also contains a novel transcriptional activation domain and has been found associated with hyperphosphorylated RNA polymerase II. Aliases: EC 2.1.1.43 antibody, FLJ16420 antibody, FLJ22472 antibody, FLJ23184 antibody, FLJ45883 antibody, HBP231 antibody, HIF 1 antibody, HIF-1 antibody, HIF1 antibody, HIP-1 antibody, Histone lysine N methyltransferase SETD2 antibody, Histone-lysine N-methyltransferase SETD2 antibody, hSET2 antibody, HSPC069 antibody, Huntingtin interacting protein 1 antibody, Huntingtin interacting protein antibody, Huntingtin interacting protein B antibody, Huntingtin interacting protein HYPB antibody, Huntingtin yeast partner B antibody, Huntingtin-binding protein, 231-KD antibody, Huntingtin-interacting protein 1 antibody, Huntingtin-interacting protein B antibody, HYPB antibody, KIAA1732 antibody, KMT3A antibody, Lysine N methyltransferase 3A antibody, Lysine N-methyltransferase 3A antibody, p231HBP antibody, SET domain containing 2 antibody, SET domain-containing protein 2 antibody, SET2 antibody, SETD2 antibody, SETD2_HUMAN antibody
UniProt:	Q9BYW2
Pathways:	Tube Formation

Application Details

Application Notes:	ELISA:1:1000-1:5000, IHC:1:50-1:200,
Restrictions:	For Research Use only

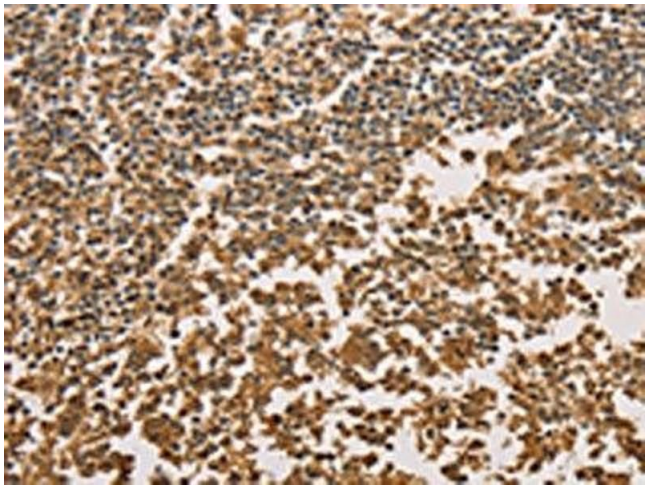
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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. The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7131042(SETD2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ABIN7131042(SETD2 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)

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