

Datasheet for ABIN6242388
anti-SETD2 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	SETD2
Binding Specificity:	AA 21-50, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETD2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SET2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21~50 amino acids from the N-terminal region of human SET2.
Clone:	RB2780
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SETD2
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Target Details

Alternative Name:	SET2 (SETD2 Products)
Background:	SET2 is a histone methyltransferase that methylates 'Lys-36' of histone H3. H3 'Lys-36' methylation represents a specific tag for epigenetic transcriptional activation. This protein probably plays a role in chromatin structure modulation during elongation via its interaction with hyperphosphorylated POLR2A. SET2 binds DNA at promoters, and may act as a transcription activator. SET2 binds to the promoters of adenovirus 12 E1A gene in case of infection, possibly leading to regulate its expression. 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. SET2 belongs to a class of huntingtin interacting proteins characterized by WW motifs.
Molecular Weight:	287597
NCBI Accession:	NP_054878
UniProt:	Q9BYW2
Pathways:	Tube Formation

Application Details

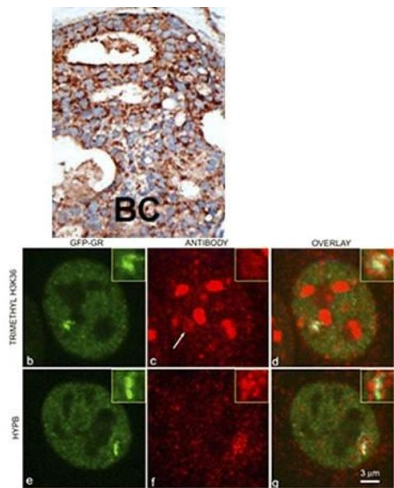
Application Notes:	IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Müller, Rieder, Karpova, John, Trajanoski, McNally: "Organization of chromatin and histone modifications at a transcription site." in: The Journal of cell biology , Vol. 177, Issue 6, pp. 957-
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.