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Datasheet for ABIN6242808
anti-MLL3 antibody (C-Term)

1 Image

Overview

Quantity:	50 µL
Target:	MLL3 (KMT2C)
Binding Specificity:	AA 3784-3818, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLL3 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MLL3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 3784-3818 amino acids from the C-terminal region of human MLL3.
Clone:	RB52486
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MLL3 (KMT2C)
Alternative Name:	MLL3 (KMT2C Products)
Background:	Histone methyltransferase. Methylates 'Lys-4' of histone H3. H3 'Lys-4' methylation represents

Target Details

a specific tag for epigenetic transcriptional activation. Central component of the MLL2/3 complex, a coactivator complex of nuclear receptors, involved in transcriptional coactivation. KMT2C/MLL3 may be a catalytic subunit of this complex. May be involved in leukemogenesis and developmental disorder.

Molecular Weight: 541370

UniProt: [Q8NEZ4](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

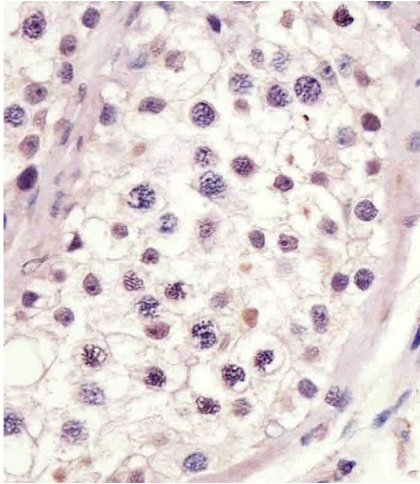
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. staining MLL3 in human testis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.