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Datasheet for ABIN7453694
anti-EHMT1 antibody (AA 25-75)

Overview

Quantity:	20 µg
Target:	EHMT1
Binding Specificity:	AA 25-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHMT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-EHMT1 Antibody, Affinity Purified
Immunogen:	between AA 25 and 75
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	EHMT1
Alternative Name:	EHMT1 (EHMT1 Products)
Background:	Background: Euchromatic histone-lysine N-methyltransferase 1 (EHMT1) is a histone

Target Details

methyltransferase that catalyzes the methylation of lysine-9 of histone H3 (H3-K9). H3-K9 histone methylation is restricted to euchromatin and functions to epigenetically silence gene transcription. Loss of function mutations in EHMT1 cause the 9q34 subtelomeric deletion syndrome, a syndrome characterized by severe mental retardation, hypotonia, brachy(micro)cephaly, heart defects, and distinct facial anomalies.

Gene ID: 79813

NCBI Accession: [NP_079033](#)

UniProt: [Q9H9B1](#)

Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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

Expiry Date: 12 months