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Datasheet for ABIN7453727 **anti-MBD4 antibody (AA 1-50)**

Overview

Quantity:	20 µg
Target:	MBD4
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MBD4 Antibody, Affinity Purified
Immunogen:	between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	MBD4
Alternative Name:	MBD4 (MBD4 Products)
Background:	Background: MBD4 (methyl-CpG-binding domain protein 4) is a member of the MBD family of

Target Details

proteins that mainly functions to bind methylated CpG sites and to repress gene transcription. Unlike its family members, MBD4 exhibits thymine glycosylase activity and has been shown to play an important role in DNA mismatch repair and apoptosis.

Gene ID: 8930

NCBI Accession: [NP_003916](#)

UniProt: [O95243](#)

Pathways: [DNA Damage Repair](#)

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