

Datasheet for ABIN7159613
anti-MBD3 antibody (AA 79-209)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	MBD3
Binding Specificity:	AA 79-209
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Methyl-CpG-binding domain protein 3 protein (79-209AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MBD3
Alternative Name:	MBD3 (MBD3 Products)
Background:	Background: Acts as transcriptional repressor and plays a role in gene silencing. Does not bind to DNA by itself (PubMed:12124384). Binds to DNA with a preference for sites containing

Target Details

methylated CpG dinucleotides (in vitro). Binds to a lesser degree DNA containing unmethylated CpG dinucleotides (PubMed:24307175). Recruits histone deacetylases and DNA methyltransferases.

Aliases: AI181826 antibody, AU019209 antibody, MBD 3 antibody, Mbd3 antibody, MBD3: methyl CpG binding domain protein 3 antibody, MBD3_HUMAN antibody, Methyl CpG binding domain protein 3 antibody, Methyl CpG binding protein MBD3 antibody, Methyl-CpG-binding domain protein 3 antibody, Methyl-CpG-binding protein MBD3 antibody

UniProt: [O95983](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

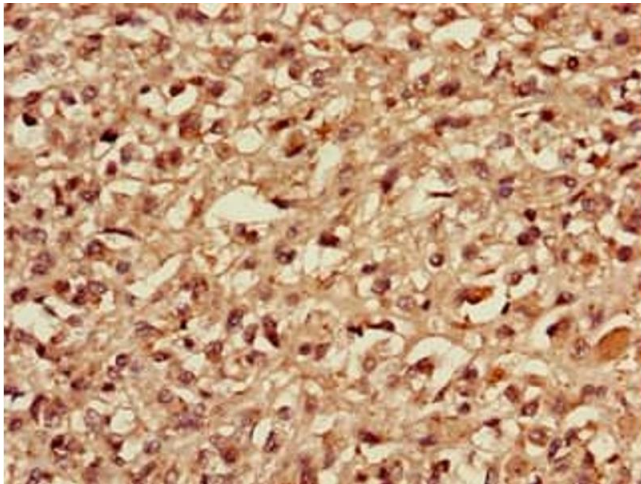
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

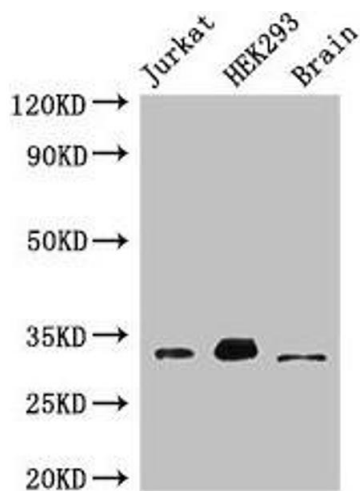
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



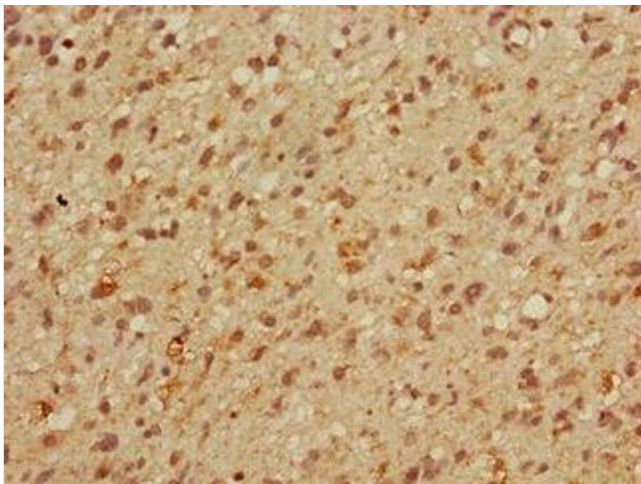
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human melanoma using ABIN7159613 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, HEK293 whole cell lysate, Mouse brain tissue All lanes: MBD3 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 33, 30 kDa Observed band size: 33 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human glioma using ABIN7159613 at dilution of 1:100