MBD3 Polyclonal Antibody

Catalog No. E-AB-62453

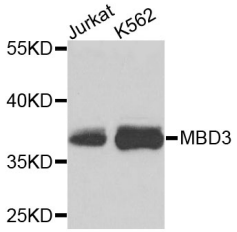
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant protein of human MBD3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:200-1:2000

Data



Western blot analysis of extracts of various cell lines with MBD3 Polyclonal Antibody
Observed Mw:36kDa
Calculated Mw:29kDa/32kDa

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. This gene belongs to a family of nuclear proteins which are characterized by the presence of a methyl-CpG binding domain (MBD). The encoded protein is a subunit of the NuRD, a multisubunit complex containing nucleosome remodeling and histone deacetylase activities. Unlike the other family members, the encoded protein is not capable of binding to methylated DNA. The protein mediates the association of metastasis-associated protein 2 with the core histone deacetylase complex. Alternative splicing results in multiple transcript variants of this gene.

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