bs-18704R

[Primary Antibody]

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MBD4 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 8930 **SWISS:** 095243

Target: MBD4

Immunogen: KLH conjugated synthetic peptide derived from human MBD4:

361-460/580.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The protein encoded by this gene is a member of a family of nuclear proteins related by the presence of a methyl-CpG binding domain (MBD). These proteins are capable of binding specifically to methylated DNA, and some members can also repress transcription from methylated gene promoters. This protein contains an MBD domain at the N-terminus that functions both in binding to methylated DNA and in protein interactions and a Cterminal mismatch-specific glycosylase domain that is involved in DNA repair. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by

RefSeq, Jan 2013]

Applications: WB (1:500-2000)

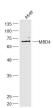
Reactivity: Human (predicted: Mouse,

Rat, Pig, Sheep, Cow)

Predicted 66 kDa MW.:

Subcellular Nucleus

VALIDATION IMAGES



Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-MBD4 (bs-18704R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66kD Observed band size: 66 kD