

# Product Datasheet

## MBD4 Antibody NBP2-24393

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-24393**

## MBD4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS and 0.05% BSA

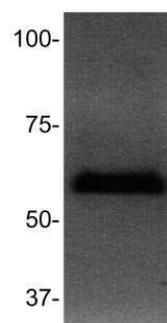
Product Description	
Description	Novus Biologicals Rabbit MBD4 Antibody (NBP2-24393) is a polyclonal antibody validated for use in WB and ChIP. Anti-MBD4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8930
Gene Symbol	MBD4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 17546630).
Immunogen	This antibody was generated by immunizing rabbits with a mixture of synthetic peptides corresponding to amino acids 268-300 and 337-374 of human MBD4.

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 2-4 ug/ml, Chromatin Immunoprecipitation reported in scientific literature (PMID 15689352), Chromatin Immunoprecipitation (ChIP)

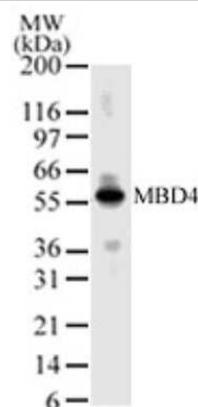


## Images

Western Blot: MBD4 Antibody [NBP2-24393] - analysis of MBD4 in Jurkat cell lysate (30ug) using anti-MBD4 antibody followed by goat anti-rabbit HRP conjugated secondary antibody (Cat. #NB7160). Image from verified customer review.



Western Blot: MBD4 Antibody [NBP2-24393] - Analysis of MBD4 in HL60 cell lysate probed with MBD4 antibody.



## Publications

Ruddock-D'Cruz NT, Xue J, Wilson KJ et al. Dynamic changes in the localization of five members of the methyl binding domain (MBD) gene family during murine and bovine preimplantation embryo development. *Mol Reprod Dev.* 2008-01-01 [PMID: 17546630] (WB, Mouse)

Details:

IF [bovine embryos (Fig 3) and mouse embryos (Fig 4)] and for WB [bovine heart, (supplementary data)] 1. MBD1 mAb (IMG-306) 2. MBD3/MBD2 mAb (IMG-296A) 3. MBD4 pAb (IMG-285).

Thatcher KN, Peddada S, Yasui DH, Lasalle JM. Homologous pairing of 15q11-13 imprinted domains in brain is developmentally regulated but deficient in Rett and autism samples. *Hum Mol Genet.* 2005-03-15 [PMID: 15689352] (Chemotaxis)

Details:

ChIP (Fig 6): SH-SY5Y cells



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### **Products Related to NBP2-24393**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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