Beijing Emarbio Science & Technology Co.,LTD

Anti-MeCP2 Rabbit Polyclonal Antibody

Catalog No.	EM42023-01	EM42023-02	
Size	50μl	100μl	
Species	**Human**	***Molecular Weight:***	**53KD**

Background:Methyl-CpG-binding protein 2(MeCP2), whose exact function is unclear. It appears to help regulate gene activity (expression) by modifying chromatin, the complex of DNA and protein that packages DNA into chromosomes. The MeCP2 protein usually regulates genes involved in brain function, even though this protein is found throughout the body.Within the brain, the MeCP2 protein is important for the function of nerve cells (neurons) and is present in high levels in mature neurons. This protein likely plays a role in maintaining connections (synapses) between neurons, where cell-to-cell communication occurs. Many of the genes that are known to be regulated by the MeCP2 protein play a role in normal brain function, particularly the maintenance of synapses.

Specificity: MeCP2 antibody detects endogenous MeCP2 proteins..

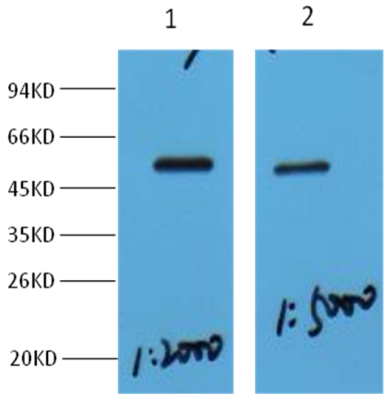
Application: **WB: 1:2,000**

Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of Hela with MeCP2 Rabbit pAb diluted at 1, 1:2,000 2, 1:5,000