MeCP2 Rabbit pAb

Cat No: HR1APEA020

For research use only

Overview

Product Name	MeCP2 Rabbit pAb
Source	Rabbit
Applications	WB
Species Reactivity	Human
Recommended Dilutions	WB 1:2,000
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	53kDakDa
GeneID?Human?	4204
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Methyl CpG Binding Protein 2 ;RTS; AUTSX3; MRX16; MRX79; PPMX; RTT; Rett Syndrome; Mental Retardation,X-linked 16
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.