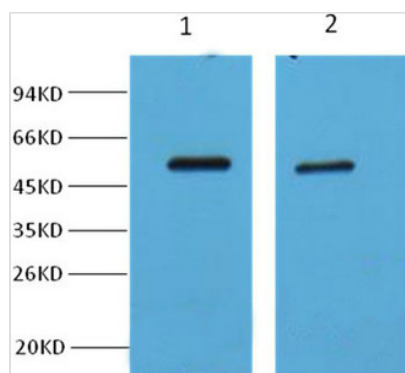


MECP2 Antibody

Product Code	CSB-PA912786
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P51608
Raised In	Rabbit
Species Reactivity	Human
Specificity	MeCP2 rabbit polyclonal antibody detects endogenous MeCP2 proteins.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	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.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antigen Affinity Purified
Clonality	Polyclonal
Alias	AUTSX3; DKFZp686A24160; MeCp-2 protein; MECP2; methyl CpG binding protein 2 (Rett syndrome)
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MECP2

Image



Western blot analysis of Hela cell lysate, using diluted at 1:2,000 (lane 1) and 1:5,000 (lane 2).