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anti-MECP2 antibody

Images



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Quantity:	200 μL
Target:	MECP2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MECP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human MECP2	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	MECP2
Alternative Name:	MECP2 (MECP2 Products)
Background:	DNA methylation is the major modification of eukaryotic genomes and plays an essential role in
	mammalian development. Human proteins MECP2, MBD1, MBD2, MBD3, and MBD4 comprise
	a family of nuclear proteins related by the presence in each of a methyl-CpG binding domain
	(MBD). Each of these proteins, with the exception of MBD3, is capable of binding specifically to

Target Details

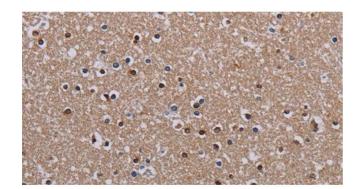
	methylated DNA. MECP2, MBD1 and MBD2 can also repress transcription from methylated gene promoters. In contrast to other MBD family members, MECP2 is X-linked and subject to X inactivation. MECP2 is dispensible in stem cells, but is essential for embryonic development.
Molecular Weight:	52 kDa
UniProt:	P51608
Pathways:	Inositol Metabolic Process, Chromatin Binding, Synaptic Membrane

Application Details

Application Notes:	WB 1:200-1:1000, IHC 1:100-1:300
Restrictions:	For Research Use only

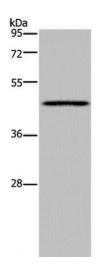
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



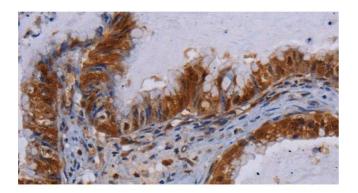
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain using MECP2 Polyclonal Antibody at dilution of 1:60



Western Blotting

Image 2. Western Blot analysis of Mouse lung tissue using MECP2 Polyclonal Antibody at dilution of 1:300



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus cancer using MECP2 Polyclonal Antibody at dilution of 1:60