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Datasheet for ABIN7306368

anti-MECP2 antibody

3 Images

Overview

Quantity:	100 µL
Target:	MECP2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MECP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide of human MeCP2
Specificity:	Recognizes endogenous levels of MeCP2 protein.
Characteristics:	Rabbit polyclonal antibody to MeCP2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	MECP2
Alternative Name:	MeCP2 (MECP2 Products)
Background:	Methyl-CpG-binding protein 2, MeCp-2 protein, MeCp2
Gene ID:	4204, 17257, 29386

Target Details

UniProt:	P51608 , Q9Z2D6 , Q00566
Pathways:	Inositol Metabolic Process , Chromatin Binding , Synaptic Membrane

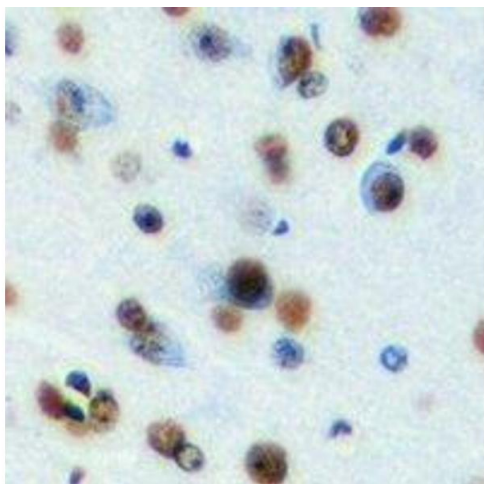
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

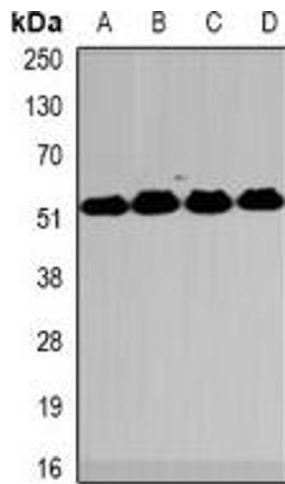
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of MeCP2 staining in mouse brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the a



Western Blotting

Image 2. Western blot analysis of MeCP2 expression in HT29 (A), Jurkat (B), mouse spleen (C), mouse lung (D) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of MeCP2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody