

Datasheet for ABIN363282
anti-p300 antibody (AA 1572-2371)



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2 Images

Overview

Quantity:	0.2 mL
Target:	p300 (EP300)
Binding Specificity:	AA 1572-2371
Reactivity:	Human, Mouse, Rat, Monkey, Mink
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This p300 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Fusion protein containing residues 1572-2371 of human p300
Clone:	RW128
Isotype:	IgG1 kappa
Specificity:	Reacts with human p300 protein (residues 1868-1921)
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Cross reacts with proteins from mouse, rat, monkey and mink.
Purification:	Purified (protein A)

Target Details

Target:	p300 (EP300)
Alternative Name:	p300 (EP300 Products)
Background:	Functions as histone acetyltransferase and regulates transcription via chromatin remodeling. Acetylates all four core histones in nucleosomes. Histone acetylation gives an epigenetic tag for transcriptional activation. Mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. Mediates acetylation of histone H3 at 'Lys-122' (H3K122ac), a modification that localizes at the surface of the histone octamer and stimulates transcription, possibly by promoting nucleosome instability.
Gene ID:	2033
UniProt:	Q09472
Pathways:	p53 Signaling , Notch Signaling , Interferon-gamma Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Regulation of Cell Size

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ICC/IF1:10-1:2000, IP1:10-1:500, WB1:250-1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, Sodium azide 0.1 %
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/-80 °C
Storage Comment:	Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

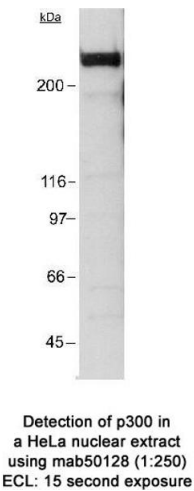


Image 1.

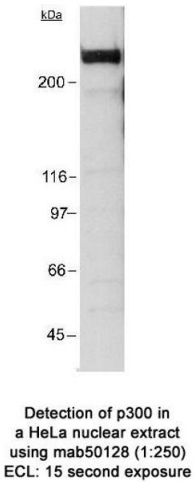


Image 2.