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MLLT6 Rabbit mAb

Catalog # AP76595

Product Information

Application	WB
Primary Accession	P55198
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	112048

Additional Information

Gene ID	4302
Other Names	MLLT6
Dilution	WB~~1:1000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	MLLT6 (HGNC:7138)
Function	Involved in the stimulation of renal sodium reabsorption mediated by the epithelial sodium channel (ENaC) (By similarity). Up- regulates ENaC expression in renal collecting duct cells by promoting DOT1L export from the nucleus to the cytoplasm, thus limiting DOT1L- mediated H3K79 methylation and transcriptional repression at the SCNN1A promoter (PubMed:19864429, PubMed:22087315).
Cellular Location	Nucleus. Cytoplasm

Background

Enables histone binding activity and nucleosome binding activity. Predicted to be involved in positive regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes,

including negative regulation of histone H3-K79 methylation; renal potassium excretion; and renal sodium excretion. Predicted to be active in nucleus.

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