

Product Name: SETD7 Rabbit Monoclonal Antibody

Catalog #: AMRe03932

For research use only.

Summary

Description Recombinant rabbit monoclonal antibody

Host Rabbit
Application WB,IP

Reactivity Human, Mouse, Rat

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Monoclonal

Form Liquid

Concentration 1mg/ml. The concentration of this product may be batch-dependent.

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer**

0.05% protective protein.

Purification Affinity Purification

Application

Dilution Ratio WB 1:500-1:1000,IP 1:20-1:50

Molecular Weight Calculated MW:41 kDa;Observed MW: 41,50 kDa

Antigen Information

Alternative Names

Gene Name SETD7

Histone H3-K4 methyltransferase SETD7; Lysine N-methyltransferase 7; SET domain-

containing protein 7; SET7; SET9

 Gene ID
 80854.0

 SwissProt ID
 Q8WTS6

Immunogen Recombinant protein of human SETD7

Background

Histone methyltransferase that specifically monomethylates 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific

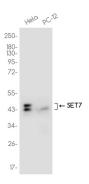


tag for epigenetic transcriptional activation. Plays a central role in the transcriptional activation of genes such as collagenase or insulin. Recruited by IPF1/PDX-1 to the insulin promoter, leading to activate transcription.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of SETD7 in HeLa, PC-12 lysates using SETD7 antibody.

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