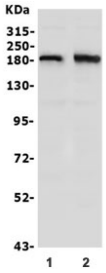
hSET1 Antibody / SET1 / SETD1A (RQ6008)

Catalog No.	Formulation	Size
RQ6008	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O15047
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This hSET1 antibody is available for research use only.



Western blot testing of human 1) SW620 and 2) U-87 MG lysate with hSET1 antibody. Predicted molecular weight ~186 kDa.

Description

Histone-lysine N-methyltransferase SETD1A is an enzyme that in humans is encoded by the SETD1A gene. It is mapped to 16p11.2. The protein encoded by this gene is a component of a histone methyltransferase (HMT) complex that produces mono-, di-, and trimethylated histone H3 at Lys4. Trimethylation of histone H3 at lysine 4 (H3K4me3) is a chromatin modification known to generally mark the transcription start sites of active genes. The protein contains SET

domains, a RNA recognition motif domain and is a member of the class V-like SAM-binding methyltransferase superfamily.

Application Notes

Optimal dilution of the hSET1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D8-K153) was used as the immunogen for the hSET1 antibody.

Storage

After reconstitution, the hSET1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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