Recombinant SUV39H2 Monoclonal Antibody

catalog number: **AN301817L**

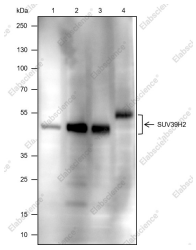
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human SUV39H2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121439
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

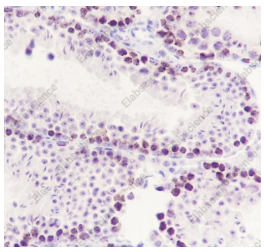
Data



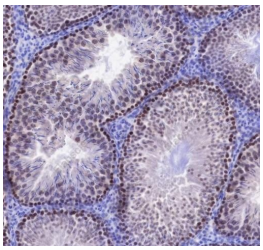
Western Blot with SUV39H2 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: HEK-293T, Lane 3: MOLT-4, Lane 4: NIH/3T3

Observed-MW:47, 50 kDa

Calculated-MW:47 kDa



Immunohistochemistry of paraffin-embedded Mouse testis using SUV39H2 Monoclonal Antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Rat testis using SUV39H2 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

SUV39H2, also known as KMT1B, is a member of the SUV39 subfamily of lysine methyltransferases (KMTs) that plays a significant role in histone H3-K9 di-/Trimethylation, transcriptional regulation and cell cycle. Overexpressions of SUV39H2 at gene, mRNA and protein levels are known to be associated with a range of cancers: leukemia, lymphomas, lung cancer, breast cancer, colorectal cancer, gastric cancer, hepatocellular cancer and so on. Accumulating evidence indicates that SUV39H2 acts as an oncogene and contributes to the initiation and progression of cancers.