

## Product datasheet for **TA369160**

### SUV39H1 Rabbit Polyclonal Antibody

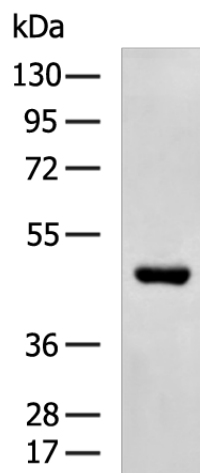
#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB: 500-2000<br>WB positive control: A549 cell lysate  |
| Reactivity:             | Human, Mouse   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | Fusion protein of human SUV39H1  |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol   |
| Concentration:          | lot specific   |
| Purification:           | Antigen affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C.  |
| Stability:              | 1 year   |
| Predicted Protein Size: | 48 kDa   |
| Gene Name:              | suppressor of variegation 3-9 homolog 1  |
| Database Link:          | <a href="#">Entrez Gene 6839 Human O43463</a>  |
| Background:             | This gene encodes an evolutionarily-conserved protein containing an N-terminal chromodomain and a C-terminal SET domain. The encoded protein is a histone methyltransferase that trimethylates lysine 9 of histone H3, which results in transcriptional gene silencing. Loss of function of this gene disrupts heterochromatin formation and may cause chromosome instability. Alternative splicing results in multiple transcript variants. |
| Synonyms:               | KMT1A; MG44; SUV39H  |



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## Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: A549 cell lysate  
Primary antibody: TA369160 (SUV39H1 Antibody)  
at dilution 1/700  
Secondary antibody: Goat anti rabbit IgG at  
1/5000 dilution  
Exposure time: 25 seconds