

SETD3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57614**Specification**

SETD3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q86TU7
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67257

SETD3 Polyclonal Antibody - Additional Information**Gene ID** 84193**Other Names**

Actin-histidine N-methyltransferase, 2.1.1.85, SET domain-containing protein 3, hSETD3, SETD3

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SETD3 Polyclonal Antibody - Protein Information**Name** SETD3**Function**

Protein-histidine N-methyltransferase that specifically mediates 3-methylhistidine (tele-methylhistidine) methylation of actin at 'His-73' (PubMed:30526847, PubMed:30626964, PubMed:30785395, PubMed:31388018, PubMed:31993215). Histidine methylation of actin is required for smooth muscle contraction of the laboring uterus during delivery (PubMed:30626964). Does not have protein-lysine N- methyltransferase activity and probably only catalyzes histidine methylation of actin (PubMed:30626964, PubMed:30785395, PubMed:31388018).

Cellular Location

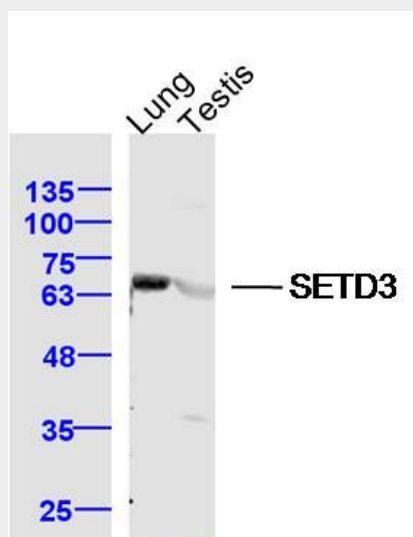
Cytoplasm. Nucleus Note=Localizes mainly in the cytoplasm.

SETD3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SETD3 Polyclonal Antibody - Images



Sample:

Lung (Mouse) Lysate at 40 ug

Testis (Mouse) Lysate at 40 ug

Primary: Anti-SETD3 (bs-19668R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 69 kD

Observed band size: 69 kD