

SETD3 polyclonal antibody

Catalog: BS78246

Host: Rabbit

Reactivity: Human

BackGround:

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

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Refer to figures

Swiss-Prot:

Q86TU7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

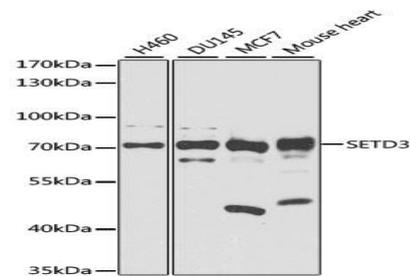
WB, 1:500 - 1:2000 | IP, 50 - 1:200

Storage&Stability:

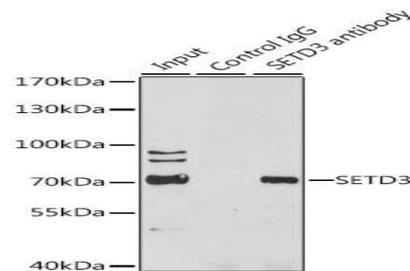
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using SETD3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3ug SETD3 antibody. Western blot was performed from the immunoprecipitate using SETD3 antibody at a dilution of 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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