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SETD3 Blocking peptide
Catalog # PBV10080b

Specification

SETD3 Blocking peptide - Product Information

Primary Accession	Q86TU7
Gene ID	84193
Calculated MW	67257

SETD3 Blocking peptide - Additional Information

Gene ID 84193

Application & Usage	**The peptide is used for blocking the antibody activity of SETD3. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C**

Other Names
Histone-lysine N-methyltransferase setd3, 2.1.1.43, SET domain-containing protein 3, SETD3, C14orf154

Target/Specificity
SETD3

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
SETD3 Blocking peptide is for research use only and not for use in diagnostic or therapeutic procedures.

SETD3 Blocking peptide - 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:<a

href="http://www.uniprot.org/citations/30626964" target="_blank">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 Blocking peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SETD3 Blocking peptide - Images