

UTP3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19061b**Specification**

UTP3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9NQZ2
Other Accession	O6AXX4 , NP_065101.1
Reactivity	Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54558
Antigen Region	416-444

UTP3 Antibody (C-term) - Additional Information**Gene ID** 57050**Other Names**

Something about silencing protein 10, Charged amino acid-rich leucine zipper 1, CRL1, Disrupter of silencing SAS10, UTP3 homolog, UTP3, CRLZ1, SAS10 {ECO:0000312|EMBL:AAF914081}

Target/Specificity

This UTP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 416-444 amino acids from the C-terminal region of human UTP3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

UTP3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UTP3 Antibody (C-term) - Protein Information**Name** UTP3 ([HGNC:24477](#))

Function Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:[34516797](#)).

Cellular Location

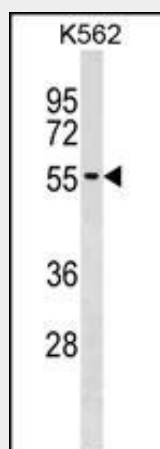
Nucleus, nucleolus.

UTP3 Antibody (C-term) - 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](#)

UTP3 Antibody (C-term) - Images



UTP3 Antibody (C-term) (Cat. #AP19061b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the UTP3 antibody detected the UTP3 protein (arrow).

UTP3 Antibody (C-term) - Background

Essential for gene silencing: has a role in the structure of silenced chromatin. Plays a role in the developing brain (By similarity).

UTP3 Antibody (C-term) - References

- Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Lim, J.H., et al. J. Immunol. 177(8):5420-5429(2006)

Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)