

UTY Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9074b**Specification**

UTY Antibody (C-term) - Product Information

Application	WB, IF, E
Primary Accession	O14607
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1247-1276

UTY Antibody (C-term) - Additional Information**Gene ID** 7404**Other Names**

Histone demethylase UTY, 11411-, Ubiquitously-transcribed TPR protein on the Y chromosome, Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein, UTY, KDM6C

Target/Specificity

This UTY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1247-1276 amino acids from the C-terminal region of human UTY.

Dilution

WB~~1:1000

IF~~1:10~50

E~~Use at an assay dependent concentration.

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

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

UTY Antibody (C-term) - Protein Information**Name** UTY**Synonyms** KDM6C

Function Male-specific histone demethylase that catalyzes trimethylated 'Lys-27' (H3K27me3) demethylation in histone H3. Has relatively low lysine demethylase activity.

Cellular Location

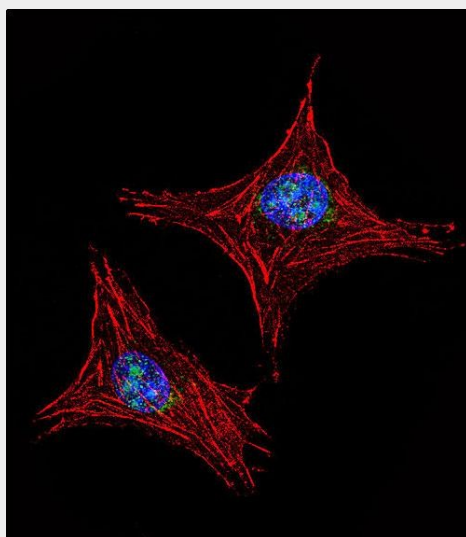
Nucleus.

UTY Antibody (C-term) - Protocols

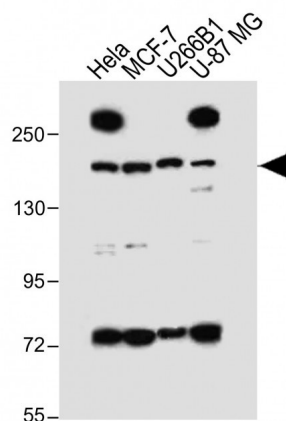
Provided below are standard protocols that you may find useful for product applications.

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

UTY Antibody (C-term) - Images



Confocal immunofluorescent analysis of UTY Antibody (C-term)(Cat#AP9074b) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



All lanes : Anti-UTY_HUMAN at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: U266B1 whole cell lysate Lane 4: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 150 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

UTY Antibody (C-term) - Background

UTY encodes a protein containing tetratricopeptide repeats which are thought to be involved in protein-protein interactions. This protein is a minor histocompatibility antigen which may induce graft rejection of male stem cell grafts.

UTY Antibody (C-term) - References

Russo,P., et.al., Arterioscler. Thromb. Vasc. Biol. 28 (8), 1569-1574 (2008)
Gerrard,D.T. et.al., Mol. Biol. Evol. 22 (6), 1423-1432 (2005)