

# UTY Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9074b

## Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">O14607</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB23114
<b>Calculated MW</b>	149548
<b>Antigen Region</b>	1247-1276

## Additional Information

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<b>Gene ID</b>	7404
<b>Other Names</b>	Histone demethylase UTY, 11411-, Ubiquitously-transcribed TPR protein on the Y chromosome, Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein, UTY, KDM6C
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IF~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	UTY Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	UTY
<b>Synonyms</b>	KDM6C
<b>Function</b>	Male-specific histone demethylase that catalyzes trimethylated 'Lys-27'

(H3K27me3) demethylation in histone H3. Has relatively low lysine demethylase activity.

**Cellular Location** Nucleus.

## Background

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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.

## References

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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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.