UTY Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UTY, Polyclonal Antibody
Full Product Name	UTY Antibody, FITC conjugated
Product Gene Name	anti-UTY antibody
Product Synonym Names	Histone demethylase UTY; Ubiquitously-transcribed TPR protein on the Y chromosome; Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein; UTY; KDM6C
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: UTY (MBS7107119) FITC Conjugated Antibody: UTY (MBS7107121)
Molecular Weight	134,762 Da
OMIM	AF000994 mRNA
3D Structure	ModBase 3D Structure for O14607
Immunogen	Recombinant Human Histone demethylase UTY protein (1-72AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-UTY antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UTY antibody	ELISA (EIA)
Related Product Information for anti-UTY antibody	Male-specific histone demethylase that catalyzes trimethylated 'Lys-27' (H3K27me3) demethylation in histone H3. Has relatively low lysine demethylase activity.
Other Notes	Small volumes of anti-UTY antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UTY purchase	MBS7107121 is an antibody targeting UTY. Also known as UTY Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UTY. It may not necessarily be applicable to this product.

NCBI GI #	384871633
NCBI GeneID	7404
NCBI Accession #	NP_001245181.1
UniProt Primary Accession #	O14607
UniProt Secondary Accession #	O14608; A8K9Z3; E1U199; E1U1A0; F5H4V7; F8W8R7
UniProt Related Accession #	O14607
GenBank Nucleotide #	NM_001258252.1
NCBI Official Full Name	histone demethylase UTY isoform 7
NCBI Official Synonym Full Names	ubiquitously transcribed tetratricopeptide repeat containing, Y-linked
NCBI Official Symbol	UTY
NCBI Official Synonym Symbols	UTY1; KDM6C; KDM6AL
UniProt Protein Name	Histone demethylase UTY
UniProt Synonym Protein Names	Ubiquitously-transcribed TPR protein on the Y chromosome; Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein
Protein Family	Histone demethylase
UniProt Gene Name	UTY
UniProt Synonym Gene Names	KDM6C
NCBI Protein Information	histone demethylase UTY
NCBI Summary for UTY	This gene encodes a protein containing tetratricopeptide repeats which are thought to be involved in protein-protein interactions. The encoded protein is also a minor histocompatibility antigen which may induce graft rejection of male stem cell grafts. A large number of alternatively spliced transcripts have been observed for this gene, but the full length nature of some of these variants has not been determined. [provided by RefSeq, Apr 2012]
Research Articles on UTY	**1.** UTY(KDM6C) is an active lysine demethylases and catalyzes demethylation of H3K27 peptides.
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