

Rabbit anti-Human UTY Polyclonal Antibody | anti-UTY antibody

UTY Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289499	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

UTY; Polyclonal Antibody; UTY Antibody (C-term); Histone demethylase UTY; 11411-; Ubiquitously-transcribed TPR protein on the Y chromosome; Ubiquitously-transcribed Y chromosome tetratricopeptide repeat protein; KDM6C; anti-UTY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	1247-1276
Sequence Length	1,211
Applicable Applications for anti-UTY antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of UTY Antibody (C-term) 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).



FCM/FACS (Flow Cytometry)

UTY Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of UTY Antibody (C-term) in mouse brain tissue lysates (35ug/lane).
UTY (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-UTY antibody	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	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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	384871633
NCBI GeneID	7404
NCBI Accession #	NP_001245181.1; NP_001245183.1; NP_009056.3; NP_872600.1; NP_872601.1
NCBI GenBank Nucleotide #	NM_001258252.1
UniProt Accession #	O14607; O14608; A8K9Z3; E1U199; E1U1A0; F5H4V7; F8W8R7
Molecular Weight	149548
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; KDM6AL
NCBI Protein Information	histone demethylase UTY
UniProt Protein Name	Histone demethylase UTY
UniProt Gene Name	UTY
UniProt Synonym Gene Names	KDM6C
UniProt Entry Name	UTY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uty-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/289499>