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anti-UTY antibody (C-Term)

3 Images

Overview

Target:

Alternative Name:

Background:



Go to Product page

Quantity:	400 μL
Target:	UTY
Binding Specificity:	AA 1247-1276, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UTY antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)
Product Details	
Immunogen:	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.
Clone:	RB23114
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

UTY encodes a protein containing tetratricopeptide repeats which are thought to be involved in

UTY

UTY (UTY Products)

Target Details

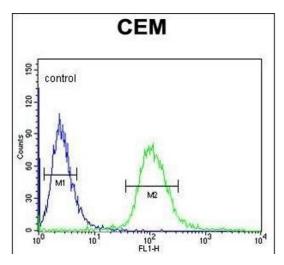
	protein-protein interactions. This protein is a minor histocompatibility antigen which may induce graft rejection of male stem cell grafts.
Molecular Weight:	149548
Gene ID:	7404
NCBI Accession:	NP_001245181, NP_001245183, NP_009056, NP_872600, NP_872601
UniProt:	014607
Pathways:	Warburg Effect

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

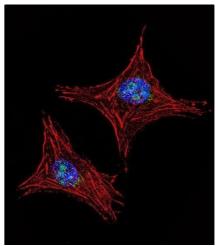
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



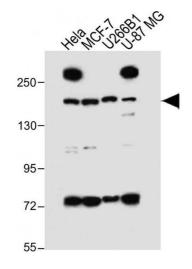
Flow Cytometry

Image 1. UTY Antibody (C-term) (ABIN653016 and ABIN2842639) 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.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of UTY Antibody (C-term) (ABIN653016 and ABIN2842639) with MDA-M cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. All lanes: Anti-UTY_HUN 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.