

Rabbit anti-Human, Mouse UTX Polyclonal Antibody | anti-UTX antibody

Rabbit anti-UTX Antibody, Affinity Purified

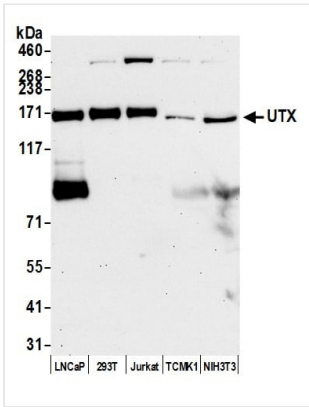
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211858	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

UTX; Polyclonal Antibody; Rabbit anti-UTX Antibody; Affinity Purified; ubiquitously transcribed tetratricopeptide repeat protein X-linked; KABUK2; Ubiquitously-transcribed X chromosome tetratricopeptide repeat protein; Ubiquitously-transcribed TPR protein on the X chromosome; ubiquitously-transcribed TPR gene on the X chromosome; lysine (K)-specific demethylase 6A; bA386N14.2; histone demethylase UTX; bA386N14.2 (ubiquitously transcribed X chromosome tetratricopeptide repeat protein (UTX)); lysine-specific demethylase 6A; Lysine-specific demethylase 6A; lysine demethylase 6A; anti-UTX antibody

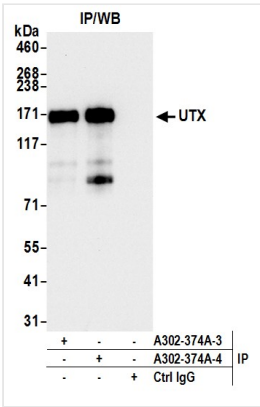
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-UTX antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 725 and 775
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse UTX by western blot. Samples: Whole cell lysate (50 ug) from LNCaP, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-UTX antibody AAA211858 (lot AAA211858-4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human UTX by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from LNCaP, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-UTX antibody AAA211858 (lot AAA211858-4) used for IP at 6 ug per reaction. UTX was also immunoprecipitated by a previous lot of this antibody (lot AAA211858-3). For blotting immunoprecipitated UTX, AAA211858 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-UTX antibody	UTX (ubiquitously transcribed X chromosome tetratricopeptide repeat protein) is a JmjC domain- and tetratricopeptide repeat (TPR) domain- containing protein. UTX functions as a histone demethylase that specifically demethylates 'Lys-27' of histone H3. It demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. UTX plays a central role in regulation of posterior development, by regulating HOX gene expression [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O15550].
Product Categories/Family for anti-UTX antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	7403
UniProt Accession #	O15550
UniProt Protein Name	Lysine-specific demethylase 6A
UniProt Gene Name	KDM6A
UniProt Synonym Gene Names	UTX
UniProt Entry Name	KDM6A_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/utx-antibody-immunoprecipitation-western-blot-elisa/211858>