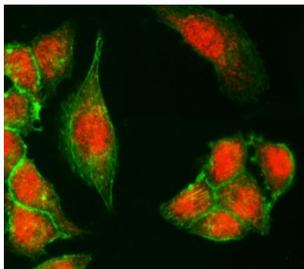


## KDM6A Antibody (RQ6648)

Catalog No.	Formulation	Size
RQ6648	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

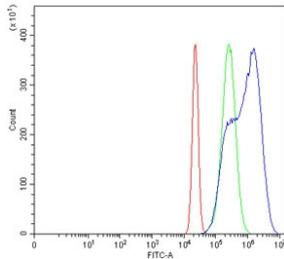
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O15550
<b>Localization</b>	Nuclear
<b>Applications</b>	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This KDM6A antibody is available for research use only.



Immunofluorescent staining of FFPE human SiHa cells with KDM6A antibody (Dylight 594-conjugated secondary, red) and Phalloidin-iFluor 488 conjugate (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) MCF7 and 2) HEK293 cell lysate with KDM6A antibody. Predicted molecular weight ~154 kDa.



Flow cytometry testing of human HeLa cells with KDM6A antibody at 1 ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KDM6A antibody.

## Description

Lysine-specific demethylase 6A also known as Ubiquitously transcribed tetratricopeptide repeat, X chromosome (UTX), is a protein which in humans is encoded by the KDM6A gene. This gene is located on the X chromosome and is the corresponding locus to a Y-linked gene which encodes a tetratricopeptide repeat (TPR) protein. The encoded protein of this gene contains a JmjC-domain and catalyzes the demethylation of tri/dimethylated histone H3. Multiple alternatively spliced transcript variants have been found for this gene.

## Application Notes

Optimal dilution of the KDM6A antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids A391-A704) was used as the immunogen for the KDM6A antibody.

## Storage

After reconstitution, the KDM6A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.