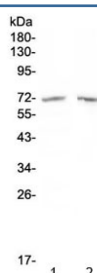


## HDAC10 Antibody (RQ4431)

Catalog No.	Formulation	Size
RQ4431	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 and 0.025% sodium azide
<b>UniProt</b>	Q969S8
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (recombinant human protein) (BSA-free format available)
<b>Limitations</b>	This HDAC10 antibody is available for research use only.



Western blot testing of human 1) MDA-MB-453 and 2) SW620 cell lysate with HDAC10 antibody at 0.5ug/ml. Predicted molecular weight ~71 kDa.

## Description

Histone deacetylase 10 is an enzyme that in humans is encoded by the HDAC10 gene. The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the HDAC10 antibody should be determined by the researcher.

## Immunogen

A human partial recombinant protein corresponding to amino acids T3-Q290 was used as the immunogen for the HDAC10 antibody.

## Storage

After reconstitution, the HDAC10 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.