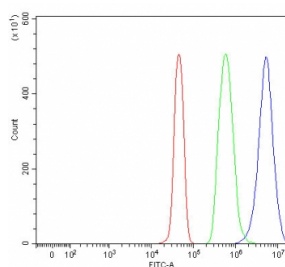


## TXNDC17 Antibody / TRP14 (RQ8243)

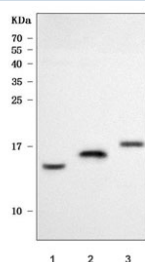
Catalog No.	Formulation	Size
RQ8243	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<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>	Q9BRA2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This TXNDC17 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human JK cells with TXNDC17 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TXNDC17 antibody.



Western blot testing of 1) human Jurkat, 2) rat kidney and 3) mouse kidney tissue lysate with TXNDC17 antibody. Predicted molecular weight ~14 kDa.

## Description

Thioredoxin domain-containing protein 17 (TXNDC17), also called 14 kDa thioredoxin-related protein (TRP14), is a disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.

## Application Notes

Optimal dilution of the TXNDC17 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids M1-D123) was used as the immunogen for the TXNDC17 antibody.

## Storage

After reconstitution, the TXNDC17 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.