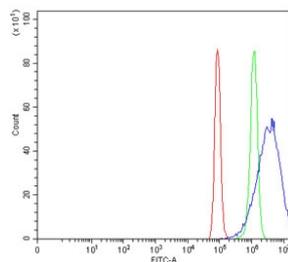


## VPS36 Antibody / Eap45 (RQ7384)

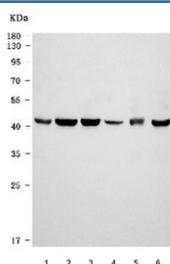
Catalog No.	Formulation	Size
RQ7384	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>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>	Q86VN1
<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 VPS36 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with VPS36 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= VPS36 antibody.



Western blot testing of 1) human HL60, 2) human ThP-1, 3) human MOLT4, 4) human U-937, 5) rat brain and 6) mouse brain tissue lysate with VPS36 antibody. Predicted molecular weight: 37-44 kDa (multiple isoforms).

## Description

Vacuolar protein-sorting-associated protein 36 is a protein that in humans is encoded by the VPS36 gene. This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II.

## Application Notes

Optimal dilution of the VPS36 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids M1-S386) was used as the immunogen for the VPS36 antibody.

## Storage

After reconstitution, the VPS36 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.