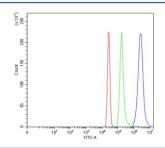


# WDFY1 Antibody / FENS1 (RQ7395)

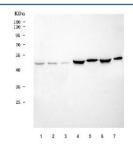
Catalog No.	Formulation	Size
RQ7395	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8IWB7
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This WDFY1 antibody is available for research use only.



Flow cytometry testing of human HL60 cells with WDFY1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WDFY1 antibody.



Western blot testing of 1) human U-87 MG, 2) RT4, 3) ThP-1, 4) rat brain, 5) rat skeletal muscle, 6) mouse brain and 7) mouse skeletal muscle tissue lysate with WDFY1 antibody. Predicted molecular weight ~46 kDa.

## **Description**

WD repeat and FYVE domain-containing protein 1 (WDFY1), also called FYVE domain-containing protein localized to endosomes 1 (FENS1), is a phosphatidylinositol 3-phosphate binding protein which contains a FYVE zinc finger domain and multiple WD-40 repeat domains. When exogenously expressed, it localizes to early endosomes. Mutagenesis analysis demonstrates that this endosomal localization is mediated by the FYVE domain.

#### **Application Notes**

Optimal dilution of the WDFY1 antibody should be determined by the researcher.

#### **Immunogen**

Recombinant human protein (amino acids H65-D394) was used as the immunogen for the WDFY1 antibody.

#### **Storage**

After reconstitution, the WDFY1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.