

## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of protein retrieval from endosomes to the TGN, acid, hydrolase sorting, lysosome function, endosomal cholesterol traffic and autophagy. VPS51 participates in retrograde transport of acid, hydrolase receptors, likely by promoting tethering and SNARE-dependent fusion of endosome-derived carriers to the TGN. Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane.

**Gene ID:**

VPS51

**Uniprot**

Q9UID3

**Synonyms:**

Vacuolar protein sorting-associated protein 51 homolog (Another new gene 2 protein) (Protein fat-free homolog), VPS51, ANG2 C11orf2 C11orf3 FFR

**Immunogen:**

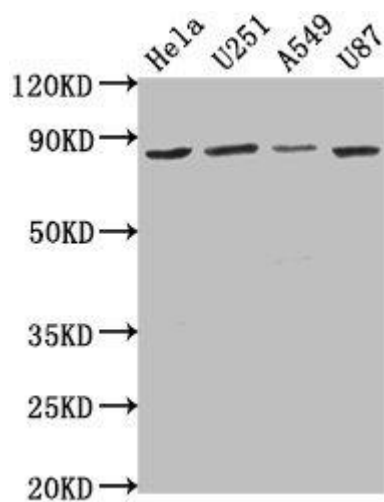
Recombinant Human Vacuolar protein sorting-associated protein 51 homolog protein (595-673AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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Western Blot. Positive WB detected in: HeLa whole cell lysate, U251 whole cell lysate, A549 whole cell lysate, U87 whole cell lysate. All lanes: VPS51 antibody at 1:1000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 87, 73 kDa. Observed band size: 87 kDa.