

Datasheet for ABIN7175327

anti-VPS51 antibody (AA 595-673) (HRP)[Go to Product page](#)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | VPS51 |
| Binding Specificity: | AA 595-673 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VPS51 antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Vacuolar protein sorting-associated protein 51 homolog protein (595-673AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | VPS51 |
| Alternative Name: | VPS51 (VPS51 Products) |
| Background: | Background: Acts as component of the GARP complex that is involved in retrograde transport |

Target Details

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 (PubMed:20685960). 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 (PubMed:25799061).

Aliases: ANG2 antibody, ANG3 antibody, Another new gene 2 protein antibody, C11orf3 antibody, chromosome 11 open reading frame 2 antibody, Fat free homolog antibody, ffr antibody, FFR_HUMAN antibody, FFR|FLJ13879 antibody, FLJ36472 antibody, Protein fat-free homolog antibody, Vacuolar protein sorting 51 homolog antibody, VPS51 antibody

UniProt: [Q9UID3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.