

## Product datasheet for **TA349175**

### PACS1 Rabbit Polyclonal Antibody

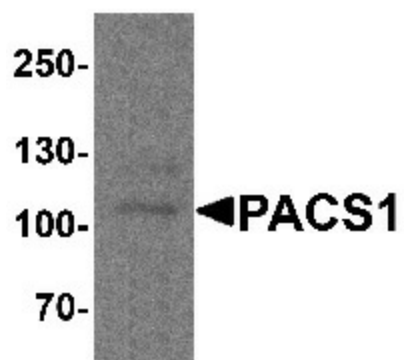
#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB: 1 - 2 ug/mL  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | PACS1 antibody was raised against a 17 amino acid peptide near the center of human PACS1.  |
| Formulation:            | PBS containing 0.02% sodium azide.   |
| Concentration:          | 1 mg/ml  |
| Purification:           | PACS1 antibody is affinity chromatography purified via peptide column.   |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | Predicted: 106 kDa; Observed: 105 kDa  |
| Gene Name:              | phosphofurin acidic cluster sorting protein 1  |
| Database Link:          | <a href="#">NP_060496</a><br><a href="#">Entrez Gene 55690 Human</a><br><a href="#">Q6VY07</a>   |
| Background:             | The phosphofurin acidic cluster sorting protein 1 (PACS1), belongs to the PACS family of cytosolic connector proteins that localize different membrane proteins to the trans-Golgi network (TGN) (1,2). Mutations in PACS1 cause defects in cranial-neural crest migration during early development, leading to a recognizable intellectual disability syndrome (3). PACS1, along with the related protein PACS2, also plays a role in HIV-1 Nef-mediated downregulation of cell surface MHC-I molecules to the TGN, thereby enabling HIV-1 to escape immune surveillance (4). |
| Synonyms:               | hfzo1; hfzo2   |



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## Product images:



Western blot analysis of PACS1 in rat bladder tissue lysate with PACS1 antibody at 1 ug/mL.