

Product datasheet for TA339235

PACS2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-PACS2 antibody: synthetic peptide directed towards the middle

region of human PACS2. Synthetic peptide located within the following region:

AHQLPIAEAMLTYKQKSPDEESSQKFIPFVGVVKVGIVEPSSATSGDSDD

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 98 kDa

Gene Name: phosphofurin acidic cluster sorting protein 2

Database Link: NP 056012

Entrez Gene 23241 Human

Q86VP3



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Background:

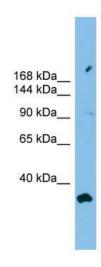
PACS2 is the multifunctional sorting protein that controls the endoplasmic reticulum (ER)-mitochondria communication, including the apposition of mitochondria with the ER and ER homeostasis. In addition, in response to apoptic inducer, PACS2 translocates BIB to mitochondria, which initiates a sequence of events including the formation of mitochondrial truncated BID, the release of cytochrome c, the activation of caspase-3 thereby causing cell death. PACS2 may also be involved in ion channel trafficking, directing acidic cluster-containing ion channels to distinct subcellular compartments.

Synonyms: PACS-2; PACS1L

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Zebrafish: 86%

Product images:



WB Suggested Anti-PACS2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: A549 cell lysate