

# Datasheet for ABIN2789789

# anti-PSTPIP1 antibody (N-Term)





Go to Product page

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|--------|-----------|
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| Quantity:   | 100 μL  |
|---|---|
| Target:   | PSTPIP1   |
| Binding Specificity:  | N-Term  |
| Reactivity:   | Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Pig, Rabbit  |
| Host:   | Rabbit  |
| Clonality:  | Polyclonal  |
| Conjugate:  | This PSTPIP1 antibody is un-conjugated  |
| Application:  | Western Blotting (WB)   |
| Product Details   |   |
|   |   |
| Sequence:   | HIQLALTLRE ELRSLEEFRE RQKEQRKKYE AVMDRVQKSK LSLYKKAMES  |
| Sequence: Predicted Reactivity:   | HIQLALTLRE ELRSLEEFRE RQKEQRKKYE AVMDRVQKSK LSLYKKAMES  Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  |
|   | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%,   |
| Predicted Reactivity:   | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  |
| Predicted Reactivity:  Characteristics:   | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  This is a rabbit polyclonal antibody against PSTPIP1. It was validated on Western Blot.                             |
| Predicted Reactivity:  Characteristics:  Purification:                          | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  This is a rabbit polyclonal antibody against PSTPIP1. It was validated on Western Blot.                             |
| Predicted Reactivity:  Characteristics:  Purification:  Target Details          | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  This is a rabbit polyclonal antibody against PSTPIP1. It was validated on Western Blot.  Affinity Purified          |
| Predicted Reactivity:  Characteristics:  Purification:  Target Details  Target: | Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%  This is a rabbit polyclonal antibody against PSTPIP1. It was validated on Western Blot.  Affinity Purified  PSTPIP1 |

activation and adhesion, negatively affecting CD2-triggered T cell activation. The encoded protein appears to be a scaffold protein and a regulator of the actin cytoskeleton. It has also been shown to bind ABL1, PTPN18, WAS, CD2AP, and PTPN12. Mutations in this gene are a cause of PAPA syndrome.

Alias Symbols: CD2BP1, CD2BP1L, CD2BP1S, H-PIP, PAPAS, PSTPIP

Protein Interaction Partner: RTP5, TRAF3IP3, FBXL18, SH2D4A, PCDHB14, UBE2W, FAM90A1, PRPF31, LSM4, BUB3, ZNF175, TULP3, SPG7, SDCBP, MVP, WASL, DNM2, MED28, SHBG, KHDRBS1, WAS, TUBB, WIPF1, HSPA1A, CARS, ACTB, PTPN18, WASF2, WASF1, CD2AP, PTPN12, MEFV, ABL1, CD2, FASLG, BZW2, RPL36,

Protein Size: 416

Molecular Weight: 47 kDa 9051 Gene ID: NCBI Accession: NM\_003978, NP\_003969

UniProt: 043586

### **Application Details**

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment:           | Antigen size: 416 AA   |
| Restrictions:      | For Research Use only  |

#### Handling

| Format:            | Liquid   |
|--------------------|--|
| Concentration:     | Lot specific   |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.   |
| Storage:           | -20 °C   |

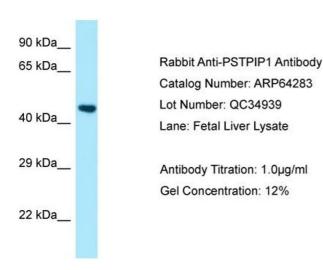
## Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

Image 1.