

## Rabbit DPP8 Polyclonal Antibody | anti-DPP8 antibody

DPP8 Antibody (C-term)

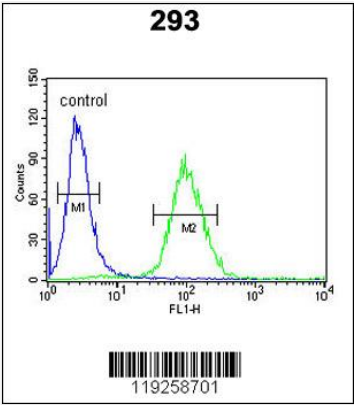
| CATALOG # | HOST   | REACTIVITY                          | APPLICATIONS                                                                |
|-----------|--------|-------------------------------------|-----------------------------------------------------------------------------|
| AAA289245 | Rabbit | Human (Predicted Reactivity: Mouse) | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

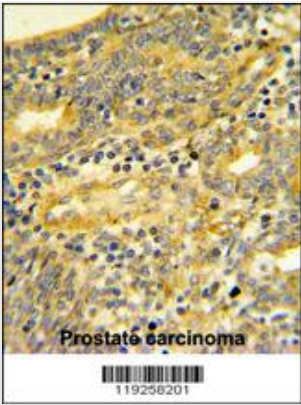
DPP8; Polyclonal Antibody; DPP8 Antibody (C-term); Dipeptidyl peptidase 8; DP8; Dipeptidyl peptidase IV-related protein 1; DPRP-1; Dipeptidyl peptidase VIII; DPP VIII; Prolyl dipeptidase DPP8; DPRP1; anti-DPP8 antibody

### PRODUCT SPECIFICATIONS

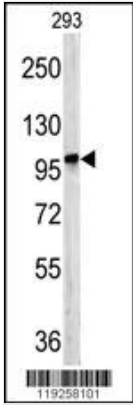
|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human (Predicted Reactivity: Mouse)                                                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This DPP8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 846-876 amino acids from the C-terminal region of human DPP8.                      |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 846-876                                                                                                                                                                                   |
| Sequence Length                                | 782                                                                                                                                                                                       |
| Applicable Applications for anti-DPP8 antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                           |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |



**FCM/FACS (Flow Cytometry)**  
DPP8 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
DPP8 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human Prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DPP8 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of DPP8 antibody (C-term) in 293 cell line lysates (35ug/lane). DPP8 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DPP8 antibody | DPP8 is a member of the peptidase S9B family, a small family of dipeptidyl peptidases that are able to cleave peptide substrates at a prolyl bond. The protein shares similarity with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substrates. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-cell activation and immune function. |
| Product Categories/Family for anti-DPP8 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                  |
| References                                         | Ajami,K., FEBS Lett. 582 (5), 819-825 (2008)<br>Lee,H.J., J. Biol. Chem. 281 (50), 38653-38662 (2006)                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                 | 18450278                                                                                       |
| NCBI GeneID               | 54878                                                                                          |
| NCBI Accession #          | NP_060213.2; NP_569118.1; NP_932064.1; NP_932065.1                                             |
| NCBI GenBank Nucleotide # | NM_017743.4                                                                                    |
| UniProt Accession #       | Q6V1X1; Q7Z4C8; Q7Z4D3; Q7Z4E1; Q8IWG7; Q8NEM5; Q96JX1; Q9HBM2; Q9HBM3; Q9HBM4; Q9HBM5; Q9NXF4 |

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Molecular Weight                 | 103358                                        |
| NCBI Official Full Name          | dipeptidyl peptidase 8 isoform 2              |
| NCBI Official Synonym Full Names | dipeptidyl-peptidase 8                        |
| NCBI Official Symbol             | DPP8                                          |
| NCBI Official Synonym Symbols    | DP8; DPRP1; MST097; MSTP097; MSTP135; MSTP141 |
| NCBI Protein Information         | dipeptidyl peptidase 8                        |
| UniProt Protein Name             | Dipeptidyl peptidase 8                        |
| UniProt Gene Name                | <b>DPP8</b>                                   |
| UniProt Synonym Gene Names       | DPRP1; DP8; DPRP-1; DPP VIII                  |
| UniProt Entry Name               | DPP8_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dpp8-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289245>