

---

## DPP9 Rabbit pAb

Catalog Number: bs-8294R

Target Protein: DPP9

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Cow, Chicken, Dog, Horse)

Predicted MW: 98 kDa

Entrez Gene: 91039

Swiss Prot: Q86TI2

Source: KLH conjugated synthetic peptide derived from human DPP9/DPRP2: 501-600/863.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Dipeptidyl peptidase that cleaves off N-terminal dipeptides from proteins having a Pro or Ala residue at position 2. Dipeptidyl peptidases (DPPs) mediate regulatory activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. DPPs have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. DPPs can bind specific voltage-gated potassium channels and alter their expression and biophysical properties and may also influence T cells. DPP proteins include DPRP1, DPRP2, DPP3, DPP7, DPP10, DPPX and CD26. DPRP2 (dipeptidyl-peptidase IV-related protein 2), also known as DPP9 (dipeptidyl-peptidase 9), or DP9, is a member of the peptidase S9B family of proteins that exhibit prolyl oligopeptidase activity. DPRP2 localizes to the cytoplasm and is ubiquitously expressed with predominant expression in heart, muscle and liver. DPRP2 may play an important role in the regulation of signaling by peptide hormones.

### PRODUCT SPECIFIC PUBLICATIONS

---

[IF=3.391] Hui Yang, et al. A combined proteomic and metabolomic analyses of the priming phase during rat liver regeneration. Arch Biochem Biophys. 2020 Oct;693:108567 WB ; Rat . 32898568