

KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1505**Specification****KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	Q9NY33
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 83 kDa, observed, 73 kDa kDa
Gene Name	DPP3
Aliases	DPP3; Dipeptidyl Peptidase 3; Enkephalinase B; Dipeptidyl Aminopeptidase III; Dipeptidyl Arylamidase III; Dipeptidyl Peptidase III; EC 3.4.14.4; DPP III; Dipeptidylpeptidase III; Dipeptidyl-Peptidase 3; Dipeptidylpeptidase 3; DPPIII
Immunogen	A synthesized peptide derived from human DPP3

KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody - Additional Information

Gene ID	10072
Other Names	Dipeptidyl peptidase 3, 3.4.14.4, Dipeptidyl aminopeptidase III, Dipeptidyl arylamidase III, Dipeptidyl peptidase III, DPP III, Enkephalinase B, DPP3

KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody - Protein Information**Name** DPP3**Function**

Cleaves and degrades bioactive peptides, including angiotensin, Leu-enkephalin and Met-enkephalin (PubMed: [1515063](http://www.uniprot.org/citations/1515063), PubMed: [3233187](http://www.uniprot.org/citations/3233187)). Also cleaves Arg-Arg-beta-naphthylamide (in vitro) (PubMed: [11209758](http://www.uniprot.org/citations/11209758), PubMed: [3233187](http://www.uniprot.org/citations/3233187), PubMed: [9425109](http://www.uniprot.org/citations/9425109)).

Cellular Location

Cytoplasm, cytosol

Tissue Location

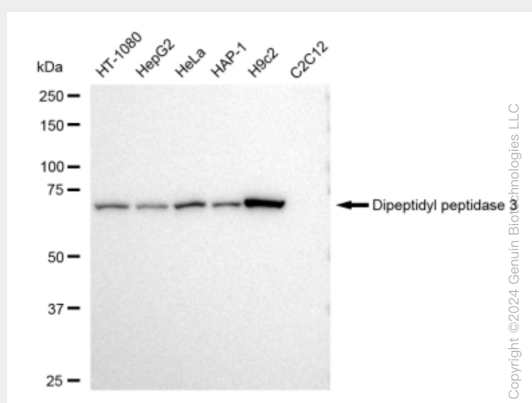
Detected in placenta (at protein level) (PubMed:3233187). Detected in erythrocytes (at protein level) (PubMed:1515063).

KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody - Protocols

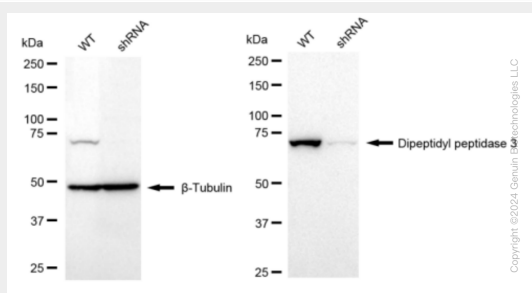
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

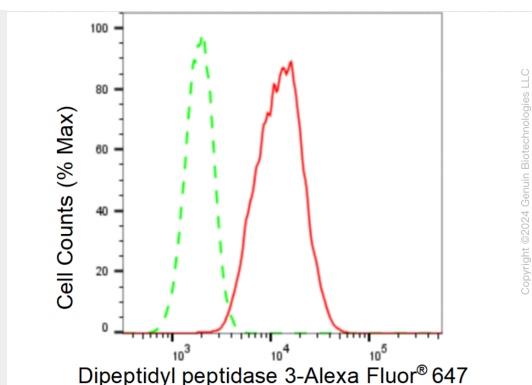
KD-Validated Anti-Dipeptidyl peptidase 3 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-Dipeptidyl peptidase 3 antibody (Cat#AGI1505). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Dipeptidyl peptidase 3 antibody (Cat#AGI1505, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Dipeptidyl peptidase 3 antibody (Cat#AGI1505). Dipeptidyl peptidase 3 expression in wild type (WT) and Dipeptidyl peptidase 3 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Dipeptidyl peptidase 3 antibody (Cat#AGI1505, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Dipeptidyl peptidase 3 expression in H9c2 cells using Dipeptidyl peptidase 3 antibody (Cat#AGI1505, 1:2,000). Green, isotype control; red, Dipeptidyl peptidase 3.