

Datasheet for ABIN2789735
anti-DPP9 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DPP9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Cow, Rat, Horse, Guinea Pig, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPP9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	FVQKTDESGP HSHRLYYLGM PYGSRENSLL YSEIPKKVRK EALLLSWKQ
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against DPP9. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DPP9
Alternative Name:	DPP9 (DPP9 Products)
Background:	This gene encodes a protein that is a member of the S9B family in clan SC of the serine

Target Details

proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized.

Alias Symbols: DKFZp762F117, DPRP2, FLJ16073

Protein Interaction Partner: CIAO1, SUMO2, SUMO1, UBC, NEDD8, TP53RK, NIF3L1, RPRD1B, DUS3L, NPLOC4, THG1L, EEF2K, SAE1, TOM1L1, SURF2, STAT5B, MTR, LPP, AARS,

Protein Size: 850

Molecular Weight: 96 kDa

Gene ID: 91039

NCBI Accession: [NM_139159](#), [NP_631898](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 850 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.

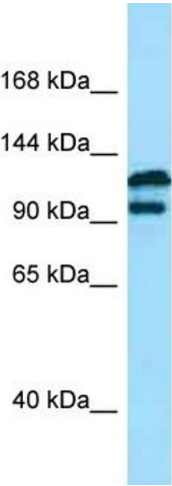
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

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.

Western Blotting

Image 1.



Rabbit Anti-DPP9 Antibody
Catalog Number: ARP64109
Lot Number: QC34822
Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 6-18%