

ARG64249 anti-CD26 / DPP4 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD26 / DPP4
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD26 / DPP4
Species	Human
Immunogen	C-PPHFDKSKKYP
Conjugation	Un-conjugated
Alternate Names	T-cell activation antigen CD26; ADCP2; ADCP-2; DPP IV; Adenosine deaminase complexing protein 2; CD26; EC 3.4.14.5; ADABP; Dipeptidyl peptidase IV soluble form; Dipeptidyl peptidase IV; Dipeptidyl peptidase 4; Dipeptidyl peptidase IV membrane form; TP103; DPPIV; CD antigen CD26

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 25253 Rat](#)

[Swiss-port # P14740 Rat](#)

Background

The protein encoded by this gene is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. [provided by RefSeq, Jul 2008]

Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody; Metabolism antibody

Calculated Mw

88 kDa

PTM

The soluble form (Dipeptidyl peptidase 4 soluble form also named SDPP) derives from the membrane form (Dipeptidyl peptidase 4 membrane form also named MDPP) by proteolytic processing. N- and O-Glycosylated. Phosphorylated. Mannose 6-phosphate residues in the carbohydrate moiety are necessary for interaction with IGF2R in activated T-cells. Mannose 6-phosphorylation is induced during T-cell activation.

Images



ARG64249 anti-CD26 / DPP4 antibody WB image

Western blot: Rat Lung lysate (35 µg protein in RIPA buffer) stained with ARG64249 anti-CD26 / DPP4 antibody at 0.3 µg/ml dilution.