

## CD26 Antibody

*DPP4, dipeptidyl-peptidase 4 (CD26, adenosine deaminase complexing protein 2), ADABP, ADCP2, CD26, DPPIV, TP103, T-cell activation antigen CD26, adenosine deaminase complexing protein 2, dipeptidylpeptidase 4 (CD26, adenosine deaminase complexing protein 2), dipeptidylpeptidase IV, dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2)*

**CATALOG NO.:** 45-381

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

CD26 Antibody.

**SOURCE:**

CD26 antibody was raised against a synthetic peptide of CD26.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_001926.2

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:64,000. Approx 110kDa band observed in Rat Lung lysates (calculated MW of 88.3Da according to NP\_001926.2). The observed molecular weight of this glycoprotein corresponds to earlier findings in literature with different antibodies (Herrera et al, J Biol Chem. 2001 Jun 1;276(22):19532-9.; PMID: 11278278). Recommended concentration: 0.3-1µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of CD26 in Rat Lung lysate (35µg protein in RIPA buffer) using CD26 antibody (0.3µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Pei Z, Li X, Geldern TW, Longenecker K, Pireh D, Stewart KD, Backes BJ, Lai C, Lubben TH, Ballaron SJ, Beno DW, Kempf-Grote AJ, Sham HL, Trevillyan JM. Discovery and Structure-Activity Relationships of Piperidinone- and Piperidine-Constrained Phenethylami

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.