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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07835-T - Goat Anti-DPP4 / CD26 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: DPP4, CD26, dipeptidyl-peptidase 4 (CD26, adenosine deaminase complexing protein 2), ADABP, ADCP2, DPP4, 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)

Official Symbol: DPP4

Accession Number(s): NP_001926.2

Human GeneID(s): [1803](#)

Non-Human GeneID(s): 13482 (mouse), 25253 (rat)

Immunogen

Peptide with sequence C-PPHFDKSKKYP, from the internal region of the protein sequence according to NP_001926.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: 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. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Human and Mouse for this particular batch.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat

EB07835 (0.3µg/ml) staining of Rat Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.