

#### **International Office**

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# 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, 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)

Official Symbol: DPP4

Accession Number(s): NP\_001926.2

Human GeneID(s): 1803

Non-Human GenelD(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.

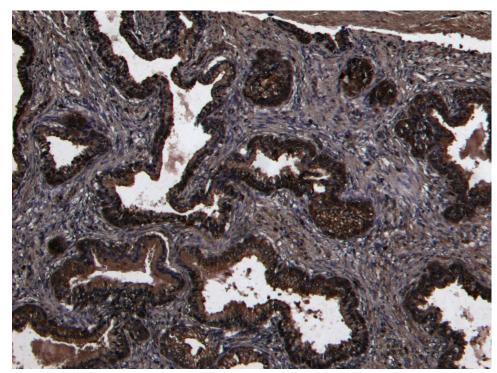
 $\textbf{IHC:} \ Paraffin \ embedded \ Human \ Prostate. \ Recommended \ concentration: \ 8\mu g/ml.$ 

**Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

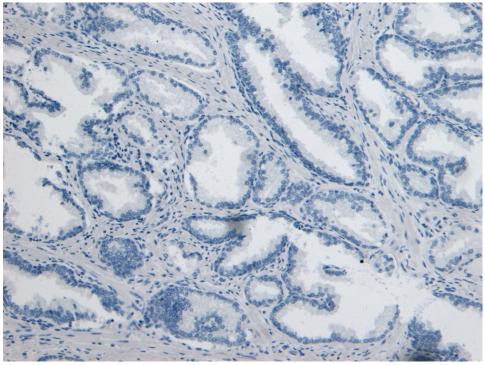
## **Species Reactivity**

Tested: Human

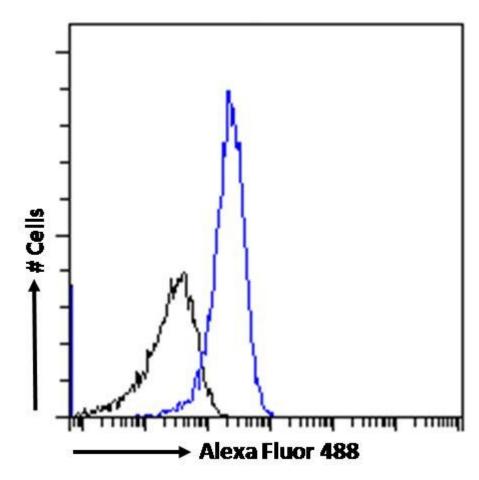
Expected from sequence similarity: Human, Mouse, Rat



EB07835 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07835 Negative Control showing staining of paraffin embedded Human Prostate, with no primary antibody.



EB07835 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.