

DPP7 Polyclonal Antibody

Catalog No: YT5125

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: DPP7

Gene Name: DPP7

Protein Name: Dipeptidyl peptidase 2

Q9UHL4

Q9ET22

Human Gene Id: 29952

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from the C-terminal region of human DPP7.

Specificity: DPP7 Polyclonal Antibody detects endogenous levels of DPP7 protein.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, lgG

Dilution: WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 54kD



Background:

The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH. [provided by RefSeq, Jul 2008],

Function:

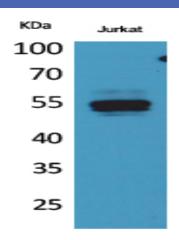
catalytic activity:Release of an N-terminal dipeptide, Xaa-Yaa-|-, preferentially when Yaa is Ala or Pro. Substrates are oligopeptides, preferentially tripeptides.,function:Plays an important role in the degradation of some oligopeptides.,PTM:N-glycosylated.,similarity:Belongs to the peptidase S28 family.,subunit:Homodimer.,

Subcellular Location :

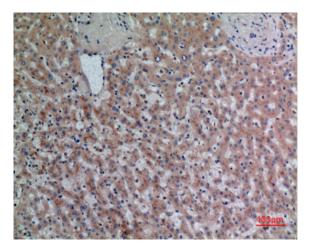
Lysosome . Cytoplasmic vesicle . Secreted .

Expression : Detected in seminal plasma (at protein level).

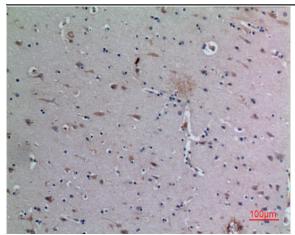
Products Images



Western Blot analysis of Jurkat cells using DPP7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humanliver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded humanbrain, antibody was diluted at 1:100