



DPP7 Polyclonal Antibody

Catalog No	YP-Ab-04305
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	DPP7
Protein Name	Dipeptidyl peptidase 2
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,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DPP7; DPP2; QPP; Dipeptidyl peptidase 2; Dipeptidyl aminopeptidase II; Dipeptidyl peptidase 7; Dipeptidyl peptidase II; DPP II; Quiescent cell proline dipeptidase
Observed Band	54kD
Cell Pathway	Lysosome . Cytoplasmic vesicle . Secreted .
Tissue Specificity	Detected in seminal plasma (at protein level).
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.,
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],



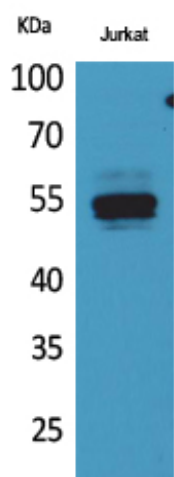
matters needing attention

Avoid repeated freezing and thawing!

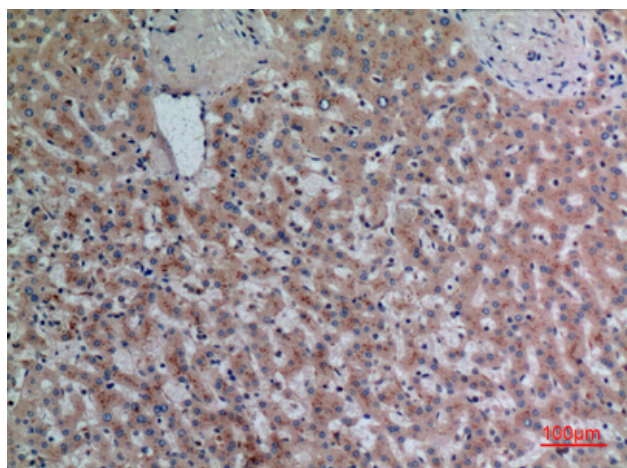
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

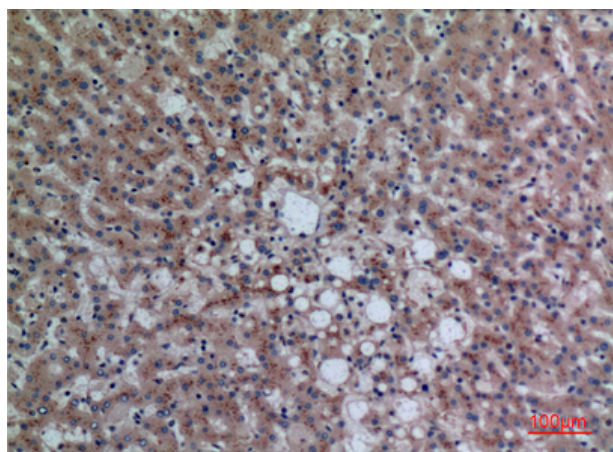
Products Images



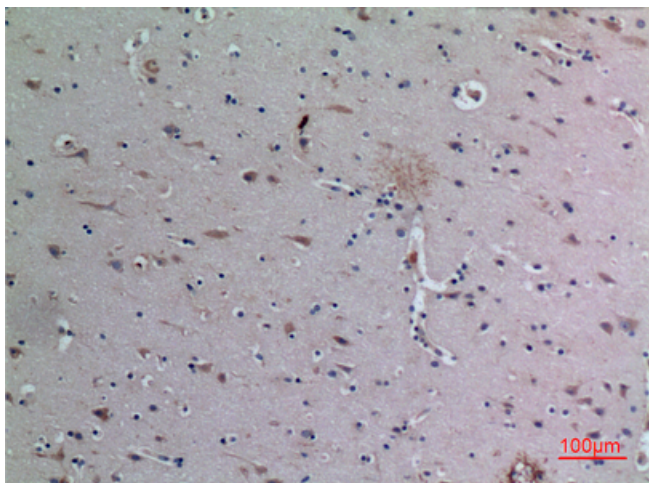
Western Blot analysis of Jurkat cells using DPP7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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



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