PREP Polyclonal Antibody

Catalog No :   YT5132

Reactivity :   Human;Mouse;Rat

Applications :   WB;IHC;IF;ELISA

Target :   PREP

Gene Name :   PREP

Protein Name :   Prolyl endopeptidase

Human Gene Id :   5550

Human Swiss Prot No :   Q8N6D4

Immunogen :   Synthesized peptide derived from PREP . at AA range: 10-90

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

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

Source :   Polyclonal, Rabbit,IgG

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 :   80kD

Background :   The protein encoded by this gene is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have

been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides. [provided by RefSeq, Jul 2008],

Function :   catalytic activity:Hydrolysis of Pro-|-Xaa >> Ala-|-Xaa in oligopeptides.,function:Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.,PTM:The N-terminus is blocked.,similarity:Belongs to the peptidase S9A family.,subunit:Monomer.,

Subcellular Location :   nucleus,cytoplasm,membrane,

Expression :   Blood,Brain,Lymphocyte,Skin,
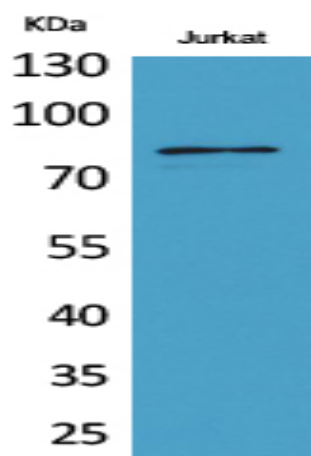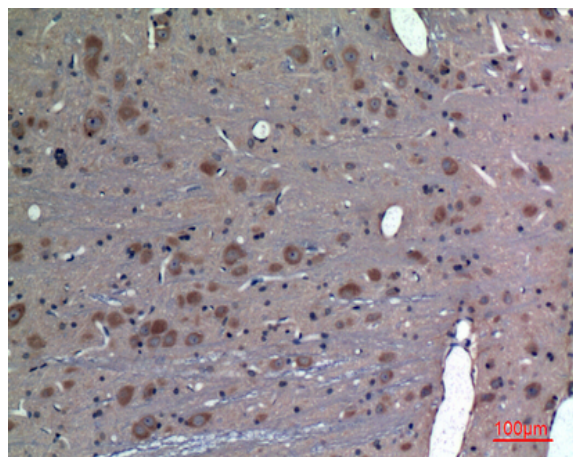
Sort :   13005

Host :   Rabbit

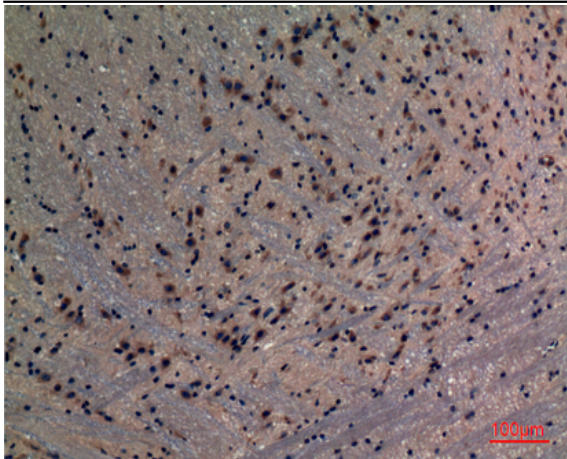**Modifications :**   Unmodified

Products Images

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

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

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