Datasheet for ABIN364338

anti-PPP1CA antibody (AA 30-299)

3 Images

Go to Product page

Overview

Quantity:	50 µg
Target:	PPP1CA
Binding Specificity:	AA 30-299
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPP1CA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant human PPP1CA (30-299aa) purified from E. coli. Type of Immunogen: Recombinant protein
Clone:	4G3
Isotype:	IgG2a kappa
Purification:	Protein G purified

Target Details

Target:	PPP1CA

Target Details

Alternative Name:	PPP1CA / PP1-alpha (PPP1CA Products)
Background:	Name/Gene ID: PPP1CA Subfamily: PP1 Family: Protein Phosphatase Synonyms: PPP1CA, PP-1A, pp1C alpha, PP1 alpha, PP1-Alpha, PP1alpha, PPP1A, Protein phosphatase 1 alpha
Gene ID:	5499
UniProt:	P62136
Pathways:	M Phase, Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Lipid Metabolism

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (5 µg/mL), WB (1:500 - 1:2000) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

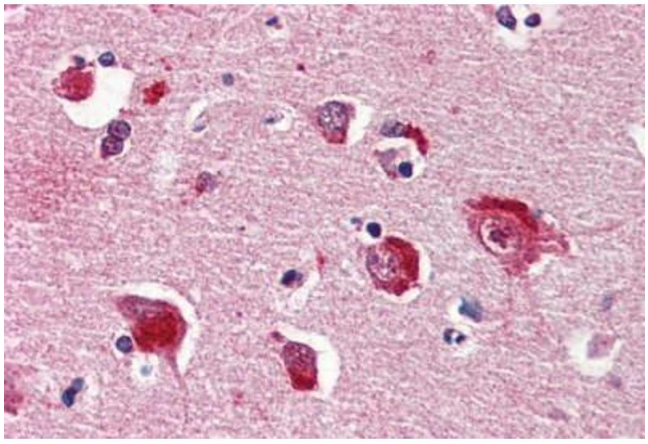
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide. Sourced in Ascites.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

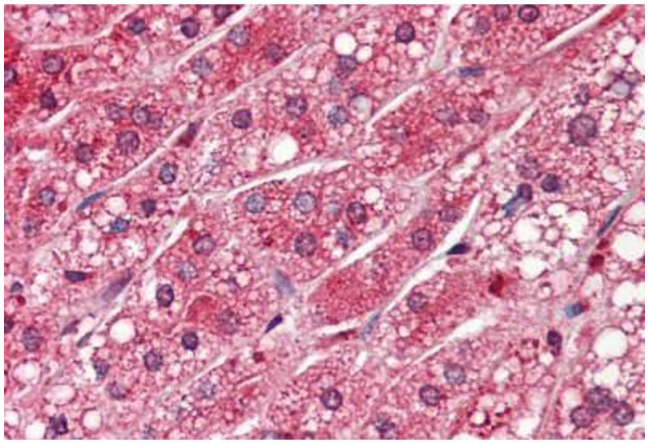
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



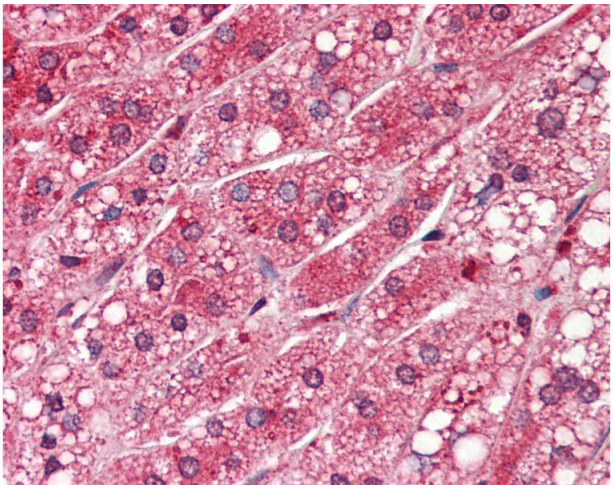
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with PPP1CA antibody ABIN364338 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Adrenal (formalin-fixed, paraffin-embedded) stained with PPP1CA antibody ABIN364338 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-PPP1CA antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.