

A Reliable Research Partner in Life Science and Medicine

Recombinant HP1α Monoclonal Antibody

catalog number: AN300946L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human HP1α protein

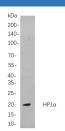
HostRabbitIsotypeIgG,KCloneB893PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:400-1:2000 WB 1:1000-1:5000

Data





Western Blot with Recombinant HP1α Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: 3T3-L1 cells.

Immunohistochemistry of paraffin-embedded mouse brain using Recombinant HP1α Monoclonal Antibody at dilution of 1:200.

Observed-MW:22 kDa Calculated-MW:22 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

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