p19 INK4d Polyclonal Antibody

Catalog Number:E-AB-70351

DIA·AN® by Elabscience

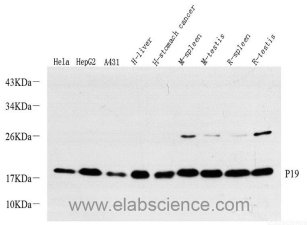
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse p19 INK4d
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of various samples using p19 INK4d Polyclonal Antibody at dilution of 1:500.

Observed Mw:19kDa

Calculated Mw:19kDa

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported.