



Cyclin D1 Antibody

E80407-22

Product Type: Rabbit Polyclonal IgG, primary antibodies

Catalog Number: E80407-22

Amount: 100ul 0.5mg/ml

Positive control: Mouse Brain

Project ID: PK024

Molecular Wt.: 36kDa

Cellular Localization: Cytoplasm

Form of Antibody: Liquid

Storage Buffer: 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.

Description: Cyclin D1 belongs to the family of cyclin proteins which function as the regulatory subunits of cyclin/cyclin dependent kinase holoenzymes. The cyclin D1 proto-oncogene is an important regulator of G1 to S-phase transition and an important cofactor for several transcription factors in numerous cell types. Cyclin D1 is known to modulate local chromatin structure and transcription of genes involved in proliferation and differentiation through CDK-independent association with histone acetylases and deacetylases.

Storage/Stability: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Affinity purified

Recommended Dilutions: WB: 1:5,000

Specificity/Sensitivity: This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of N-terminal residues of mouse cyclin D1.

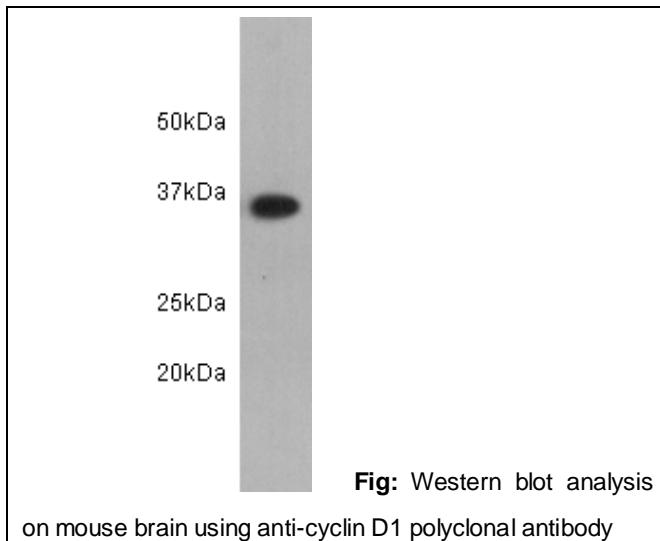
Reactivity: Mouse,Rat

Applications: WB

Swiss-Prot No.: SwissProt P25322

References:

1. Donnellan R, Chetty R. Cyclin D1 and human neoplasia. *J Clin Pathol: Mol Part*, 1998, 51:1-7.
2. Bates S, Peters G. Cyclin D1 as a cellular proto-oncogen (J). *Cancer Biol*, 1995, 6:73
3. Fantl B, Brollkes S, Smith R, et al. Characterization of the proto-oncogene int-2 and its potential for the diagnosis of human cancer (J). *Cancer Cells*, 1989, 7:283



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