

CDKN2B Polyclonal Antibody

Catalog No: #AB30661



Package Size: #30661-1 50ul #30661-2 100ul

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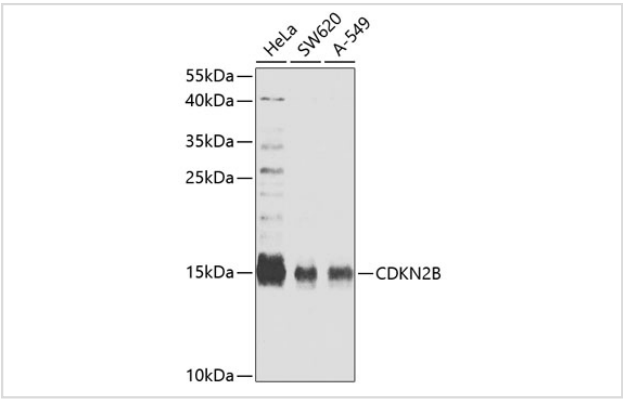
Description

Product Name	CDKN2B Polyclonal Antibody
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human CDKN2B (NP_004927.2).
Other Names	CDKN2B; CDK4I; INK4B; MTS2; P15; TP15; p15INK4b; cyclin dependent kinase inhibitor 2B
Accession No.	Swiss-Prot#:P42772NCBI Gene ID:1030
Calculated MW	15kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using CDKN2B at 1:1000 dilution.

Background

This gene lies adjacent to the tumor suppressor gene CDKN2A in a region that is frequently mutated and deleted in a wide variety of tumors. This gene encodes a cyclin-dependent kinase inhibitor, which forms a complex with CDK4 or CDK6, and prevents the activation of the CDK kinases, thus the encoded protein functions as a cell growth regulator that controls cell cycle G1 progression. The expression of this gene was found to be dramatically induced by TGF beta, which suggested its role in the TGF beta induced growth inhibition. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.