

p27 (phospho Thr157) Polyclonal Antibody

Catalog No: #13651

Package Size: #13651-1 50ul #13651-2 100ul

Description

Product Name	p27 (phospho Thr157) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-p27 (T157) Polyclonal Antibody detects endogenous levels of p27 protein only when phosphorylated at T157.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human p27 Kip1 around the phosphorylation site of Thr157. AA range:123-172
Conjugates	Unconjugated
Other Names	CDKN1B; KIP1; Cyclin-dependent kinase inhibitor 1B; Cyclin-dependent kinase inhibitor p27; p27Kip1
Accession No.	Swiss Prot:P46527GenelD:1027
Calculated MW	22kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

cyclin dependent kinase inhibitor 1B(CDKN1B) Homo sapiens This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4). [provided by RefSeq, Apr 2014],

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