
Product name:	p27 rabbit pAb
Cat number:	ABE3103
Conjugate:	unconjugated
Size:	100 ug
Clone:	Polyclonal
Concentration:	1 mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human p27 Kip1. AA range:149-198
Reactivity:	Human;Rat;Mouse;;Bovine
Applications:	WB 1:500-2000, ELISA 1:10000-20000 IHC 1:50-300
Molecular Weight:	27kD
Form:	liquid
Storage:	-20°C/1 year
Background:	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],