

Product Name: p57 Kip2 Rabbit Monoclonal Antibody**Catalog #: AMRe03136**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.65mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 32 kDa; Observed MW: 57 kDa

Antigen Information

Gene Name	CDKN1C
Alternative Names	CDKN1C; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57Kip2
Gene ID	1028
SwissProt ID	P49918
Immunogen	A synthetic peptide of human p57 Kip2

Background

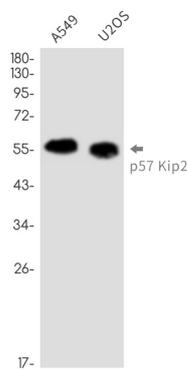
p27 Kip1 is a member of the Cip/Kip family of cyclin-dependent kinase inhibitors. Like its relatives, p57 Kip2 and p21 Waf1/Cip1,

the ability to enforce the G1 restriction point is derived from its inhibitory binding to CDK2/cyclin E and other CDK/cyclin complexes. Expression levels of p27 are upregulated in quiescent cells and in cells treated with cAMP or other negative cell cycle regulators.

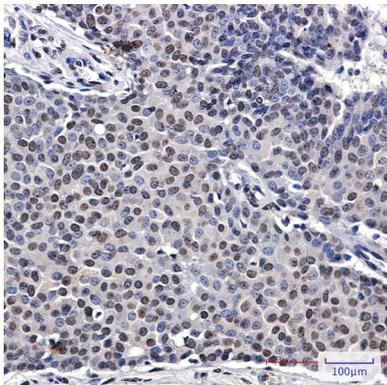
Research Area

Cell Biology

Image Data



Western blot analysis of p57 Kip2 in A549, U2OS lysates using p57 Kip2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using p57 Kip2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.