

Rabbit CDKN1B-T187 Antibody | anti-CDKN1B antibody

Phospho-CDKN1B-T187 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37410	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

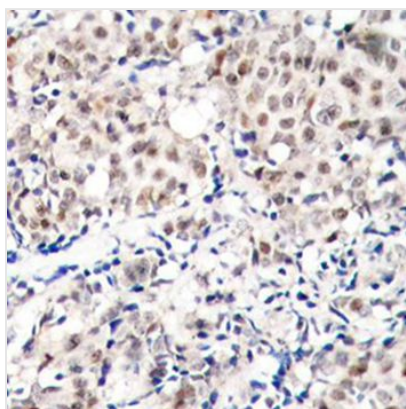
PRODUCT SYNONYMS

CDKN1B-T187; Phospho-CDKN1B-T187 Polyclonal Antibody; CDKN1B; CDKN4; KIP1; MEN1B; MEN4; P27KIP1; Cyclin-dependent kinase inhibitor 1B; anti-CDKN1B antibody

PRODUCT SPECIFICATIONS

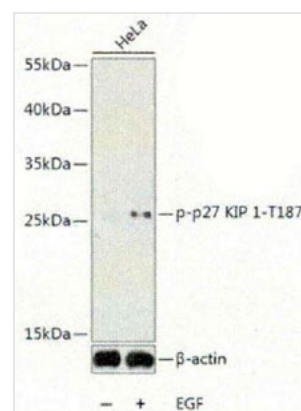
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	198
Applicable Applications for anti-CDKN1B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding T187 of human p27 KIP 1.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-p27 KIP 1-T187 antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using Phospho-P27 KIP T187 antibody (AAA37410). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN1B antibody	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).
Product Categories/Family for anti-CDKN1B antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168871
NCBI GeneID	1027
UniProt Accession #	P46527; Q16307; Q5U0H2; Q9BUS6
Molecular Weight	Calculated: 22kDa Observed: 26kDa
NCBI Official Full Name	Cyclin-dependent kinase inhibitor 1B
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
NCBI Official Symbol	CDKN1B
NCBI Official Synonym Symbols	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1B
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1B
UniProt Gene Name	CDKN1B
UniProt Synonym Gene Names	KIP1
UniProt Entry Name	CDN1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.