

Rabbit p18 INK Polyclonal Antibody | anti-p18 INK antibody

p18 INK Antibody

CATALOG # AAA305984	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

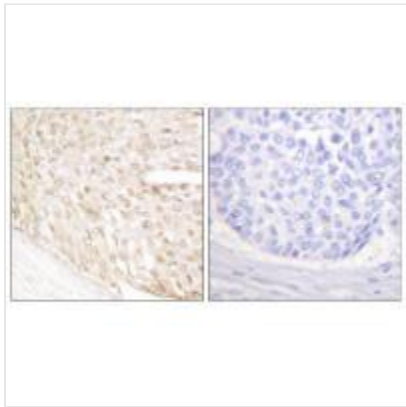
PRODUCT SYNONYMS

p18 INK; Polyclonal Antibody; p18 INK Antibody; OTTHUMP00000046546; p18(INK4C); p18-INK4C; CDK6 inhibitor p18; cyclin-dependent inhibitor; anti-p18 INK antibody

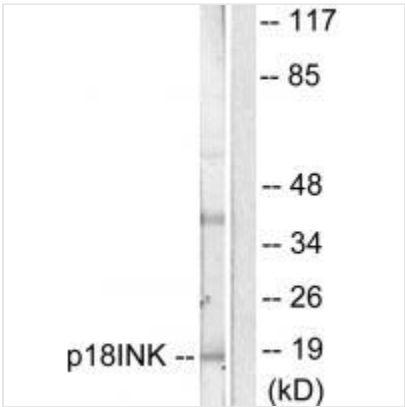
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total p18 INK protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-p18 INK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human p18 INK antibody.
Target Name	p18 INK
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p18 INK antibody.



WB (Western Blot)
Western blot analysis of extracts from COS7 cells, using p18 INK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-p18 INK antibody	Interacts strongly with CDK6, weakly with CDK4. Inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB.Youzhong Yuan, Cancer Res., Jan 2006; 66: 343 - 351. A. Koenig, Vet. Pathol., Jul 2002; 39: 458. Pei-Fang Hung, Am J Physiol Cell Physiol, May 2005; 288: C1094 - C1108. Mana Mirjany, J. Pharmacol. Exp. Ther., May 2002; 301: 494.
Product Categories/Family for anti-p18 INK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502751
NCBI GeneID	1031
NCBI Accession #	NP_001253.1
NCBI GenBank Nucleotide #	NM_001262.2
UniProt Accession #	P42773; Q8TB83
Molecular Weight	18,127 Da
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor C
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)
NCBI Official Symbol	CDKN2C
NCBI Official Synonym Symbols	p18; INK4C; p18-INK4C
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor C
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor C
UniProt Gene Name	CDKN2C
UniProt Synonym Gene Names	CDKN6
UniProt Entry Name	CDN2C_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.