

p18 INK Antibody

Catalog No: #33458



Package Size: #33458-1 50ul #33458-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

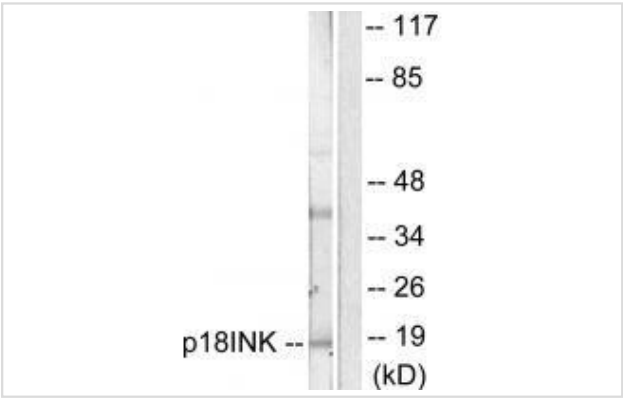
Description

Product Name	p18 INK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total p18 INK protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human p18 INK antibody.
Conjugates	Unconjugated
Target Name	p18 INK
Other Names	OTTHUMP00000046546; p18(INK4C); p18-INK4C; CDK6 inhibitor p18; cyclin-dependent inhibitor
Accession No.	Swiss-Prot: P42773NCBI Gene ID: 1031
SDS-PAGE MW	18kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

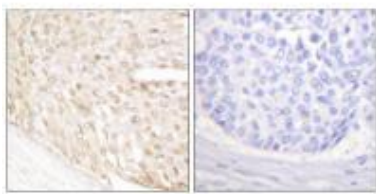
Western blotting: 1:500~1:3000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from COS7 cells, using p18 INK antibody #33458.

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p18 INK antibody #33458.



Background

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.

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