

## p16 ARC Rabbit mAb

Catalog No: #52092

Package Size: #52092-1 50ul #52092-2 100ul

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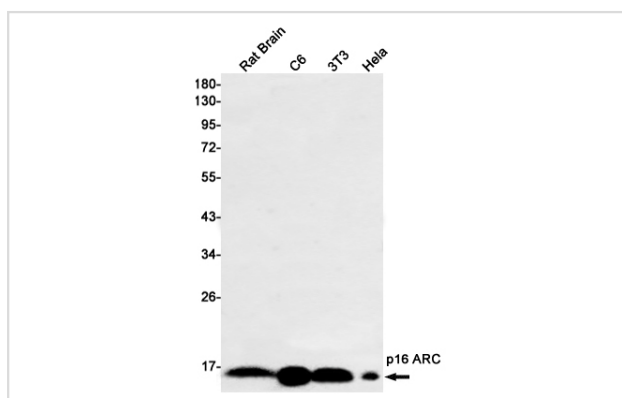
## Description

Product Name	p16 ARC Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-2B3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human p16 ARC
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Arp2/3 complex 16 kDa subunit;p16-ARC
Accession No.	Swiss-Prot:O15511GeneID:10092
Uniprot	O15511
GeneID	10092
Calculated MW	Calculated MW: 16 kDa; Observed MW: 16 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

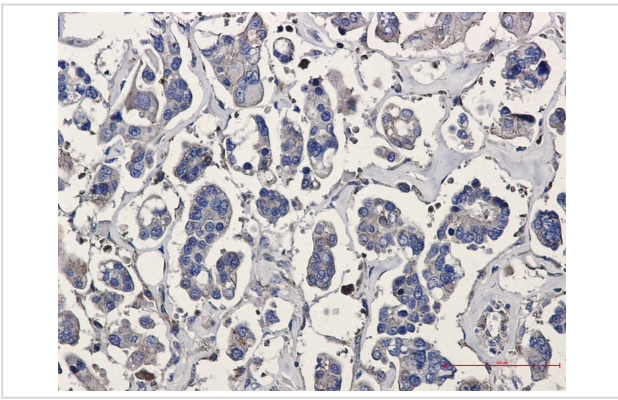
## Application Details

WB: 1/2000;

## Images



Western blot detection of p16 ARC in Rat Brain,C6,3T3,HeLa cell lysates using p16 ARC Rabbit mAb(1:1000 diluted).Predicted band size:16kDa.Observed band size:16kDa.



Immunohistochemistry of p16 ARC in paraffin-embedded Human Cholangiocarcinoma using p16 ARC Rabbit mAb at dilution 1/20

## Background

Swiss-Prot Acc.O15511.Component of the Arp2/3 complex, a multiprotein complex that mediates actin polymerization upon stimulation by nucleation-promoting factor (NPF) (PubMed:9230079).

The Arp2/3 complex mediates the formation of branched actin networks in the cytoplasm, providing the force for cell motility (PubMed:9230079).

In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA (PubMed:29925947).

Note: This product is for in vitro research use only