Product Name: p16 ARC Rabbit Monoclonal Antibody
Catalog #: AMRe83738
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.49mg/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	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
Molecular Weight	16 kDa

Antigen Information

Gene Name	p16 ARC
Alternative Names	p16 Arc; ARPC5; ARC16; Arp2/3 protein complex subunit p16;;p16 ARC
Gene ID	
SwissProt ID	O15511
Immunogen	A synthesized peptide derived from human p16 ARC

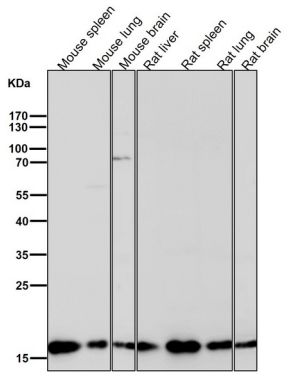
Background

Component of the Arp2/3 complex, a multiprotein complex that mediates actin polymerization upon stimulation by

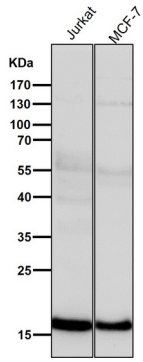
nucleation-promoting factor (NPF).The Arp2/3 complex mediates the formation of branched actin networks in the cytoplasm, providing the force for cell motility.In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA.

Research Area

Image Data



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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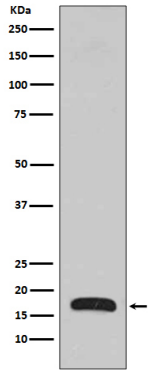
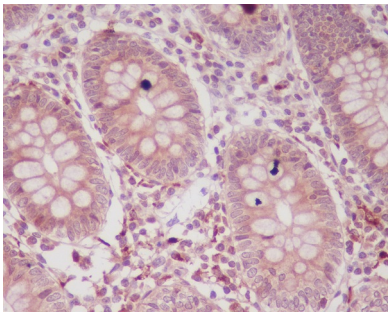


Western blot analysis of p16 Arc expression in Human fetal brain lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using p16 ARC Antibody.