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Product Data Sheet

Anti-p16 ARC Antibody

Catalog #	Source	Reactivity	Applications
CQA8046	Rabbit	H, M, R	WB, IH, IP

Description	Rabbit monoclonal antibody to p16 ARC
Immunogen	A synthetic peptide of human p16 ARC
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of p16 ARC protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100), IP (1/10 - 1/50)
Gene Symbol	ARPC5
Alternative Names	ARC16; Actin-related protein 2/3 complex subunit 5; Arp2/3 complex 16 kDa subunit; p16-ARC
Entrez Gene	10092 (Human); 67771 (Mouse); 360854 (Rat)
SwissProt	O15511 (Human); Q9CPW4 (Mouse); Q4KLF8 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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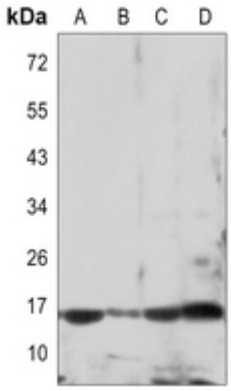
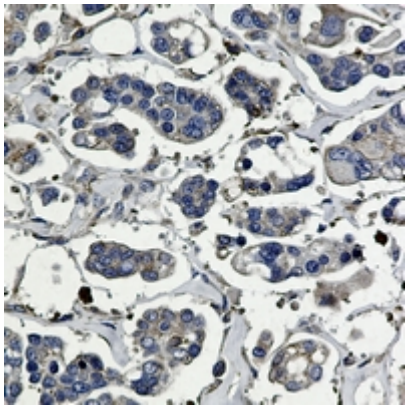


Western blot analysis of p16 ARC expression in rat brain (A), C6 (B), NIH3T3 (C), Hela (D) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 16 kD)



Immunohistochemical analysis of p16 ARC staining in human cholangiocarcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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