

Rabbit anti-Human PPP2R2D Polyclonal Antibody | anti-PPP2R2D antibody

PPP2R2D Antibody

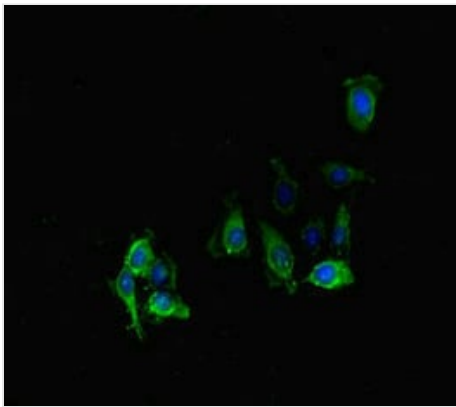
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230986	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

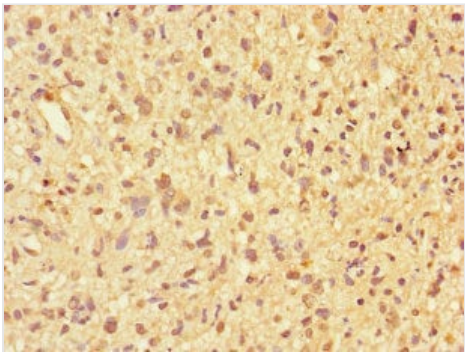
PPP2R2D; Polyclonal Antibody; PPP2R2D Antibody; Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform; PP2A subunit B isoform B55-delta; PP2A subunit B isoform PR55-delta; PP2A subunit B isoform R2-delta; PP2A subunit B i; KIAA1541; anti-PPP2R2D antibody

PRODUCT SPECIFICATIONS

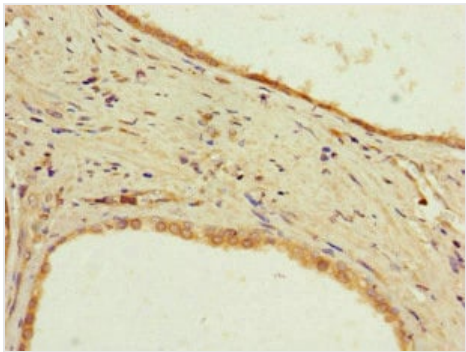
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	288
Applicable Applications for anti-PPP2R2D antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform protein (1-192AA).
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	PPP2R2D
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18330
Preparation and Storage	Upon receipt, aliquot and store at -20°C or -80°C. Avoid repeated freeze.



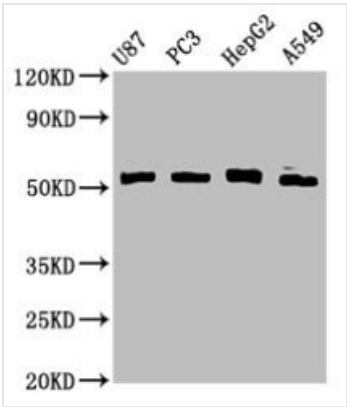
IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA230986 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human glioma cancer using AAA230986 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA230986 at dilution of 1:100



WB (Western Blot)
Positive WB detected in: U87 whole cell lysate, PC-3 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate
All lanes: PPP2R2D antibody at 3.3 μg/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 53 kDa
Observed band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2D antibody	B regulatory subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis. During mitosis, activity of PP2A is inhibited via interaction with phosphorylated ENSA and ARPP19 inhibitors. Within the PP2A complexes, the B regulatory subunits modulate substrate selectivity and catalytic activity, and also may direct the localization of the catalytic enzyme to a particular subcellular compartment (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	604723314
NCBI GeneID	55844
NCBI Accession #	NP_001278239.1
NCBI GenBank Nucleotide #	NM_001291310.1
UniProt Accession #	Q66LE6; Q5SQJ2; Q9P1Y7; A8KAK0
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform isoform b
NCBI Official Synonym Full Names	protein phosphatase 2 regulatory subunit Bdelta

NCBI Official Symbol	PPP2R2D
NCBI Official Synonym Symbols	MDS026
NCBI Protein Information	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform
UniProt Gene Name	PPP2R2D
UniProt Synonym Gene Names	KIAA1541
UniProt Entry Name	2ABD_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ppp2r2d-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230986>