

Rabbit PPP2R2A Polyclonal Antibody | anti-PPP2R2A antibody

PPP2R2A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37028	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

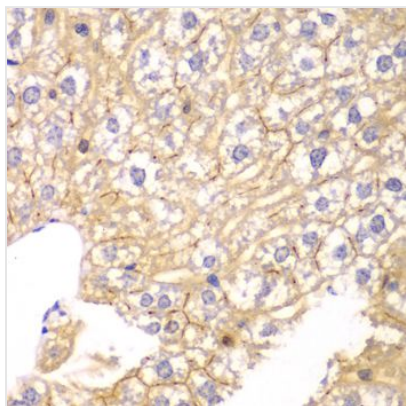
PRODUCT SYNONYMS

PPP2R2A; Polyclonal Antibody; PPP2R2A Polyclonal Antibody; B55-ALPHA; B55A; FLJ26613; MGC52248; PR52A; PR55A; anti-PPP2R2A antibody

PRODUCT SPECIFICATIONS

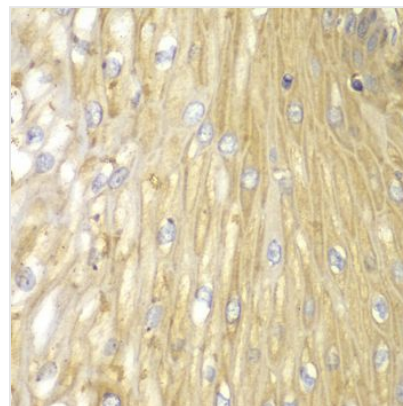
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	447
Applicable Applications for anti-PPP2R2A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPP2R2A
Calculated Molecular Weight	52kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



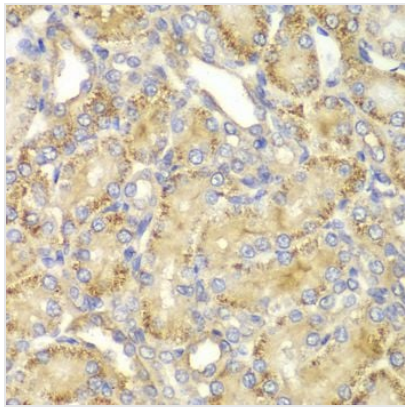
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using PPP2R2A antibody at dilution of 1:100 (40x lens).



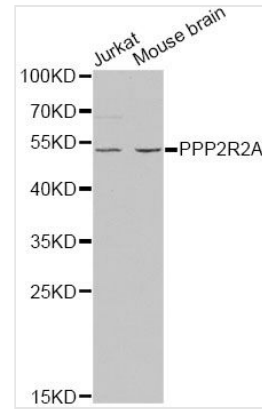
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using PPP2R2A antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PPP2R2A antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP2R2A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2A antibody	Protein phosphatase 2A subunit B isoform R2-alpha (PPP2R2A) is the component of regulatory subunit B of serine/threonine protein phosphatase 2A (PP2A). PPP2R2A belongs to the R2/B55/PR55 family of regulatory subunit B (1). Evidence suggests that subunit PPP2R2A enhances TGF-beta, Activin, and Nodal signaling pathways (7) and may play an important role in cell cycle regulation (2-4). PPP2R2A/PP2A, B55-alpha/PR55-alpha isoform interacts with the type I TGF-beta receptors via unique WD-40 repeats (5) that contribute to the anti-proliferative function of TGF-beta receptors (6).
Product Categories/Family for anti-PPP2R2A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	52783535
NCBI GeneID	5520
UniProt Accession #	P63151; P50409; Q00007; B2RBU8; B4E1T7
Molecular Weight	447
NCBI Official Full Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
NCBI Official Synonym Full Names	protein phosphatase 2, regulatory subunit B, alpha
NCBI Official Symbol	PPP2R2A
NCBI Official Synonym Symbols	B55A; PR52A; PR55A; B55ALPHA
NCBI Protein Information	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform; protein phosphatase 2 (formerly 2A), regulatory subunit B (PR52), alpha isoform; serine/threonine protein phosphatase 2A, 55 KDA regulatory subunit B, alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
UniProt Gene Name	PPP2R2A
UniProt Entry Name	2ABA_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://stage.aaabiotech.com/polyclonal/ppp2r2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37028>