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PPP2R5A Polyclonal Antibody

Catalog number: 12675-2-AP

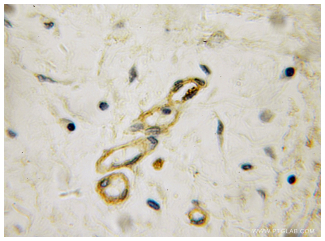
Size: 20 µg/150 µl

Source: Rabbit

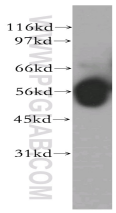
Isotype: IgG

Synonyms:

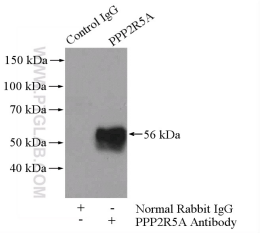
PPP2R5A; B56A, PP2A B subunit isoform B alpha, PPP2R5A, PR61A, PR61alpha



Immunohistochemical of paraffin-embedded human pancreas cancer using 12675-2-AP(PPP2R5A antibody) at dilution of 1:50 (under 10x lens)



human ileum tissue were subjected to SDS PAGE followed by western blot with 12675-2-AP(PPP2R5A antibody) at dilution of 1:400



IP Result of anti-PPP2R5A (IP:12675-2-AP, 4ug; Detection:12675-2-AP 1:500) with mouse brain tissue lysate 4000ug.

Background

PPP2R5A(protein phosphatase 2, regulatory subunit B (B56), alpha isoform) is also named as PR61alpha and belongs to the phosphatase 2A regulatory subunit B56 family. B56 alpha subunit gene encodes a cytoplasmic phosphoprotein(PMID:7592815). The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. This protein has 2 isoforms produced by alternative splicing with the molecular weight of 54 kDa and 50 kDa.

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated PPP2R5A MW:	**486aa,56 kDa**
Observed PPP2R5A MW:	**56 kDa**
Positive WB detected in	**Human ileum tissue, human brain tissue, human heart tissue, human kidney tissue, human lung tissue**
Positive IP detected in	**Mouse brain tissue**
Positive IHC detected in	**Human pancreas cancer tissue**
Recommended dilution:	**WB: 1:1000-1:10000** **IP: 1:200-1:2000** **IHC: 1:20-1:200**

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag3360**
GenBank accession number:	**BC022474**
Gene ID (NCBI):	**5525**
Full name:	**Protein phosphatase 2, regulatory subunit B', alpha isoform**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**