

PP2A-B56δ/PR61δ/PPP2R5D Rabbit pAb

Catalog No.: A15707

Basic Information

Observed MW

80kDa

Calculated MW

70kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

5528

Swiss Prot

Q14738

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 450-550 of human PP2A-B56δ/PR61δ/PP2A-B56δ/PR61δ/PPP2R5D (NP_006236.1).

Synonyms

B56D; MRD35; B56delta; PP2A-B56δ/PR61δ/PPP2R5D

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

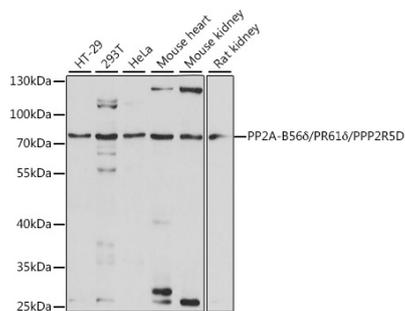
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at 1:1000 dilution.

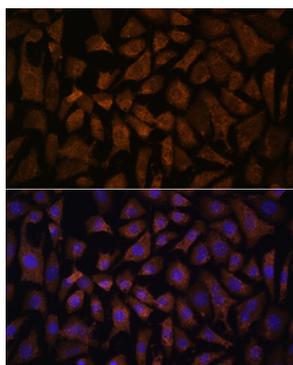
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

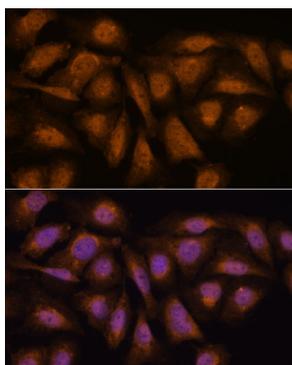
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

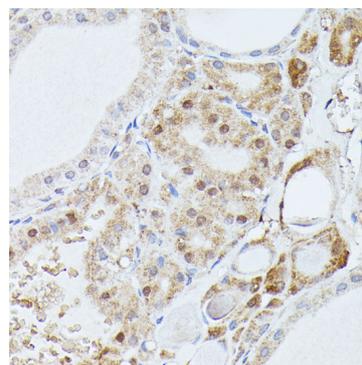
Exposure time: 90s.



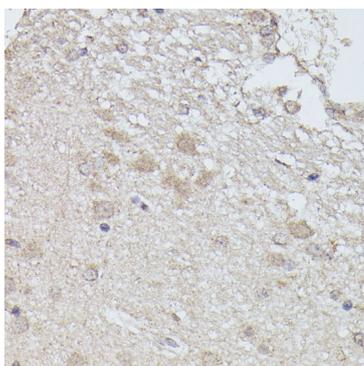
Immunofluorescence analysis of L929 cells using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



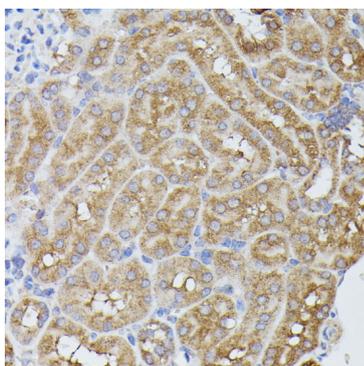
Immunofluorescence analysis of U-2 OS cells using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human thyroid cancer using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using PP2A-B566/PR616/PPP2R5D Rabbit pAb (A15707) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.