

[KO Validated] PDCD10 Rabbit pAb

Catalog No.: A15400 **KO Validated**

Basic Information

Observed MW

26kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

11235

Swiss Prot

Q9BUL8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-212 of human PDCD10 (NP_009148.2).

Synonyms

CCM3; TFAR15; 10

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

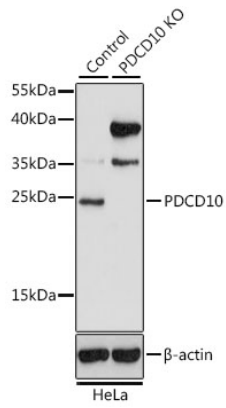
Affinity purification

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 lysates from wild type (WT) and PDCD10 knockout (KO) HeLa cells, using [KO Validated] PDCD10 Rabbit pAb (A15400) 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: 15s.