

Rabbit anti-Human PDCD10 Polyclonal Antibody | anti-PDCD10 antibody

Anti-PDCD10 Antibody, Rabbit Polyclonal

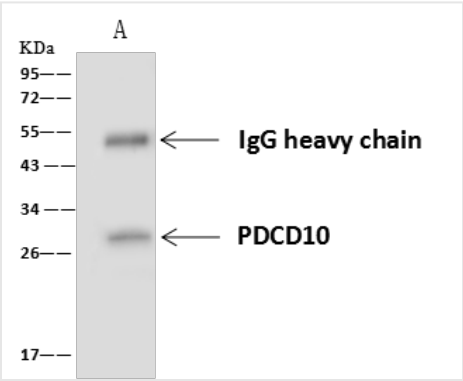
CATALOG # AAA256348	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

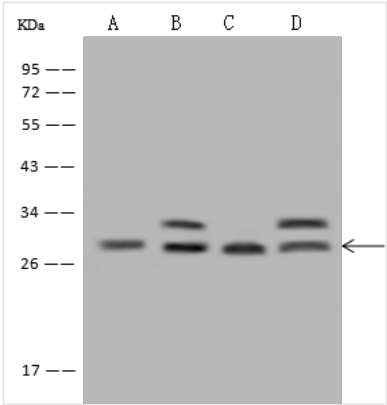
PDCD10; Polyclonal Antibody; Anti-PDCD10 Antibody; Rabbit Polyclonal; PDCD10 Antibody; Rabbit PAb; Antigen Affinity Purified; programmed cell death 10; Anti-CCM3 Antibody; Anti-TFAR15 Antibody; anti-PDCD10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PDCD10
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PDCD10 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human PDCD10 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PDCD10 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
PDCD10 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate, 4 uL anti-PDCD10 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PDCD10 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 28 kDa.



WB (Western Blot)
Anti-PDCD10 rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: K562 Whole Cell Lysate. Lane D: Jurkat Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 27 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD10 antibody	PDCD10 (programmed cell death 10, TFAR15), a novel protein associated with cell apoptosis has been recently implicated in mutations associated with Cerebral Caverosus Malformations (CCM). PDCD10 modulation of ERK signaling was mediated by MST4, and PDCD10 could be a regulatory adaptor necessary for MST4 function, suggesting a link between cerebral cavernous malformation pathogenesis and the ERK-MAPK cascade via PDCD10/MST4. Mutations in the programmed cell death 10 gene, PDCD10, cause the autosomal-dominant familial cerebral cavernous malformation 3 (CCM3). PDCD10 is a ubiquitous protein expressed in nearly all tissues and various types of cells. It is essential for vascular development and post-natal vessel maturation, and, has shown a dual function in different types of cancers and chemo-resistance.
References	You C, et al. (2017) Ephb4 forward signalling mediates angiogenesis caused by ccm3/pdcd10-ablation. J Cell Mol Med 21 (9): 1848-1858. Urfali-Mamatoglu C, et al. (2018) Dual function of programmed cell death 10 (pdcd10) in drug resistance. Biomed Pharmacother 101 129-136. Ma X, et al. (2007) Pdcd10 interacts with ste20-related kinase mst4 to promote cell growth and transformation via modulation of the erk pathway. Mol Biol Cell 18 (6): 1965-1978.

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.