

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

PDCD10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301907	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

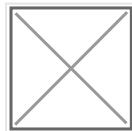
PDCD10; Polyclonal Antibody; PDCD10 Antibody; programmed cell death 10; CCM3; TFAR15; anti-PDCD10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PDCD10 protein.
Form/Format	Supplied at 0.6mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	1466
Applicable Applications for anti-PDCD10 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Predicted MW	25kD
Target Name	PDCD10

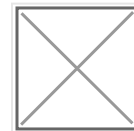
IHC-P PROTOCOL	1. Deparaffinize the section in 3 changes of xylene, 5 minutes each. 2. Wash the section in 96%, 80% and 0% thyl alcohol for 10 minutes each. . 3. Rinse in distilled water. . 4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) for 10 minutes. . 5. Wash in distilled water for 5 minutes. . 6. For antigen retrieval: immerse the slide in the citrate buffer, pH 6.0, 0.05% Tween-20*, and incubate in a water bath at 96°C for 40 minutes. (Alternatively adjust to your own protocol, keeping the required pH) . 7. Remove the staining to room temperature and let the slide to cool (in citrate buffer, pH 6.0) for 20 minutes. . 8. Rinse in distilled water. . 9. Wash in 0.05 M Tris-HCl, pH 7.6 buffer supplemented with 0.2% of Tween-20 (buffer A) for 5 minutes. 10. CONCENTRATED: Incubate the section with primary antibody at the dilution 1:100 -1:200 for 1 hour in the closed wet chamber. . READY TO USE (RTU): . Incubate the section with primary antibody (ready to use) for 1 hour in a closed wet chamber. 11. Wash twice 5 minutes with buffer A. . 12. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP -Peroxide -DAB). Micropolymer-HRP detection kit rabbit/mouse . 13. Wash twice 5 minutes with buffer A. . 14. Apply the chromogen (DAB), 1 -3 minutes. . 15. Wash in water for 10 minutes. . 16. Stain in hematoxylin for 5 minutes. . 17. Wash in water for 10 minutes. . 18. Dehydrate the section in 2 changes of 96% ethyl alcohol for 5 minutes each. 19. Wash the section in 2 changes of xylene for 2 minutes each. . 20. Mount the slide for observation.
Preparation and Storage	Store at -20°C/ 1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human tonsil tissue using 31110 (PDCD10 Antibody) at dilution 1/20, on the right is treated with the fusion protein.



Application Data

Gel: 12% SDS-PAGE
 Lane1: Hela cell lysate
 Lane2: Jurkat cell lysate
 Lane3: 231 cell lysate
 Lysates: 50 ug per lane
 Primary antibody: 1/200 dilution
 Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD10 antibody	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.
Product Categories/Family for anti-PDCD10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803370
NCBI GeneID	11235
NCBI Official Full Name	Homo sapiens programmed cell death 10, mRNA

NCBI Official Synonym Full Names	programmed cell death 10
NCBI Official Symbol	PDCD10
NCBI Official Synonym Symbols	CCM3; TFAR15
NCBI Protein Information	programmed cell death protein 10
UniProt Protein Name	Programmed cell death protein 10
UniProt Gene Name	PDCD10
UniProt Synonym Gene Names	CCM3; TFAR15
UniProt Entry Name	PDC10_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/pdcd10-antibody-immunohistochemistry-western-blot-elisa/301907>