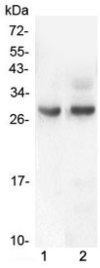
PDCD10 Antibody (RQ4457)

Catalog No.	Formulation	Size
RQ4457	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9BUL8
Localization	Cytoplasm
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This PDCD10 antibody is available for research use only.



Western blot testing of 1) rat intestinal smooth muscle and 2) mouse intestinal smooth muscle lysate with PDCD10 antibody at 0.5ug/ml. Predicted molecular weight ~25 kDa.

Description

Programmed cell death protein 10 is a protein that in humans is encoded by the PDCD10 gene. 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 phosphoryated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular

developent. 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.

Application Notes

Optimal dilution of the PDCD10 antibody should be determined by the researcher.

Immunogen

Human PDCD10 recombinant protein (amino acids M1-A212) was used as the immunogen for the PDCD10 antibody.

Storage

After reconstitution, the PDCD10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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