

[KO Validated] PDCD6 Rabbit pAb

Catalog No.: A6685 **KO Validated** **1 Publications**

Basic Information

Observed MW

16kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. Calcium binding is important for homodimerization and for conformational changes required for binding to other protein partners. This gene product participates in T cell receptor-, Fas-, and glucocorticoid-induced programmed cell death. In mice deficient for this gene product, however, apoptosis was not blocked suggesting this gene product is functionally redundant. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is also located on the short arm of chromosome 5.

Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

10016

Swiss Prot

O75340

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ALG2; ALG-2; PEF1B; D6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

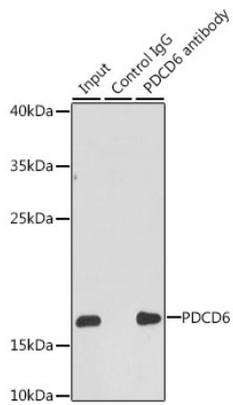
Affinity purification

Storage

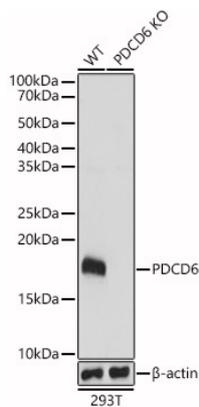
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunoprecipitation analysis of 200 μ g extracts of HepG2 cells, using 3 μ g PDCD6 antibody (A6685). Western blot was performed from the immunoprecipitate using PDCD6 antibody (A6685) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and PDCD6 knockout (KO) 293T (KO Validated) cells, using [KO Validated] PDCD6 Rabbit pAb (A6685) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.