

## PDCD6

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:** 22kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human PDCD6

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

ALG2; ALG-2; PEF1B;

**Catalog #:** A6685

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 10016

**Isotype:** IgG

**Swiss Prot:** O75340

**Purity:** Affinity purification

For research use only.

**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.

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