

**DP-2 Polyclonal Antibody**  
**Catalog # AP69590****Specification**

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**DP-2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q14188</a>
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal

**DP-2 Polyclonal Antibody - Additional Information****Gene ID** 7029**Other Names**

TFDP2; DP2; Transcription factor Dp-2; E2F dimerization partner 2

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**DP-2 Polyclonal Antibody - Protein Information****Name** TFDP2**Synonyms** DP2**Function**

Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The TFDP2:E2F complex functions in the control of cell- cycle progression from G1 to S phase. The E2F1:DP complex appears to mediate both cell proliferation and apoptosis. Blocks adipocyte differentiation by repressing CEBPA binding to its target gene promoters (PubMed:<a href="http://www.uniprot.org/citations/20176812" target="\_blank">20176812</a>).

**Cellular Location**

Nucleus.

**Tissue Location**

High levels in heart and skeletal muscle. Also found in placenta, kidney, brain, lung and liver. The presence as well as the abundance of the different transcripts appear to vary significantly in

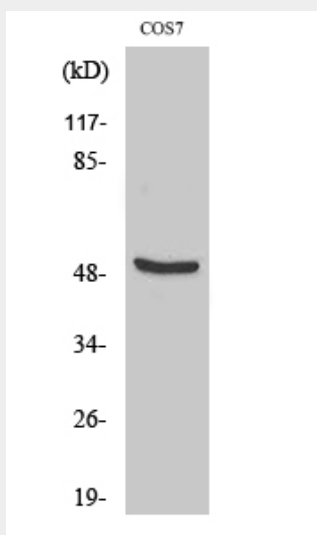
different tissues and cell lines

### DP-2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DP-2 Polyclonal Antibody - Images



Western Blot analysis of various cells using DP-2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).

### DP-2 Polyclonal Antibody - Background

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