

**Id4 Polyclonal Antibody**  
**Catalog # AP70455****Specification**

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**Id4 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P              |
| Primary Accession | <a href="#">P47928</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**Id4 Polyclonal Antibody - Additional Information****Gene ID** 3400**Other Names**

ID4; BHLHB27; DNA-binding protein inhibitor ID-4; Class B basic helix-loop-helix protein 27; bHLHb27; Inhibitor of DNA binding 4

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

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

**Storage Conditions**

-20°C

**Id4 Polyclonal Antibody - Protein Information****Name** ID4**Synonyms** BHLHB27**Function**

Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation (By similarity).

**Cellular Location**

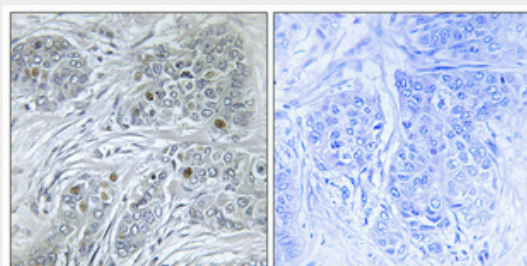
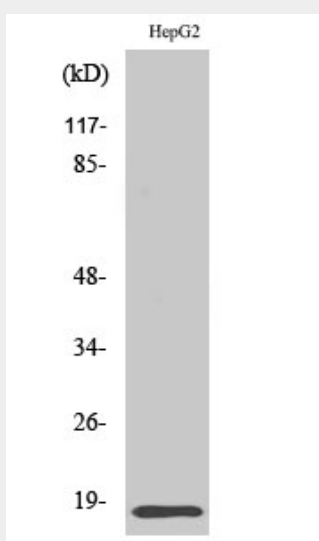
Nucleus.

## Id4 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](#)

## Id4 Polyclonal Antibody - Images



## Id4 Polyclonal Antibody - Background

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