

Id4 Polyclonal Antibody

Catalog # AP70455

Specification

Id4 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>P47928</u> Human, Mouse, Rat Rabbit 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.

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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Id4 Polyclonal Antibody - Images



Id4 Polyclonal Antibody - Background

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