

ID4 Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS16700**Specification**

ID4 Antibody (aa1-50) - Product Information

Application	IHC, WB
Primary Accession	P47928
Other Accession	3400
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	16622

ID4 Antibody (aa1-50) - Additional Information**Gene ID** 3400**Other Names**

ID4, BHLHb27, IDB4, Inhibitor of DNA binding 4

Target/Specificity

ID4 Antibody detects endogenous levels of total ID4 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

ID4 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

ID4 Antibody (aa1-50) - 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.

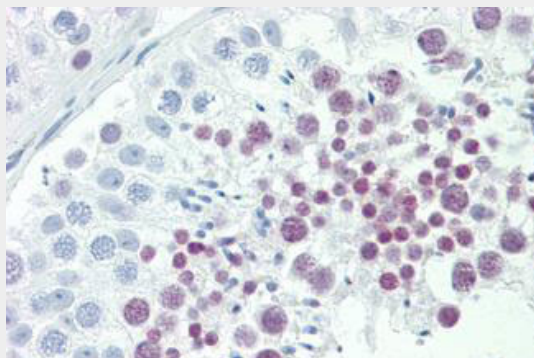
Volume
50 µl

ID4 Antibody (aa1-50) - Protocols

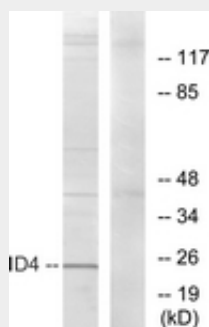
Provided below are standard protocols that you may find useful for product applications.

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

ID4 Antibody (aa1-50) - Images



Anti-ID4 antibody IHC staining of human testis.



Western blot of extracts from HepG2 cells, using ID4 Antibody.

ID4 Antibody (aa1-50) - Background

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ID4 Antibody (aa1-50) - References

Kiesling T.L.,et al.Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases.
Rigolet M.,et al.DNA Res. 5:309-313(1998).
Pagliuca A.,et al.Genomics 27:200-203(1995).
Mungall A.J.,et al.Nature 425:805-811(2003).