

Rabbit ID4 Polyclonal Antibody | anti-ID4 antibody

Anti-ID4 Antibody (aa1-50) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162189	Rabbit	Mouse, Rat, Human	ELISA, Western Blot, Immunohistochemistry

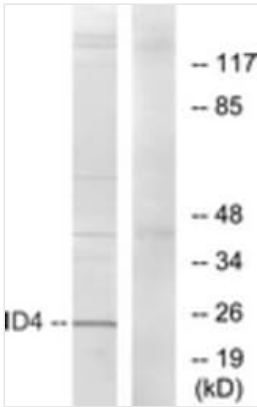
PRODUCT SYNONYMS

ID4; Polyclonal Antibody; Anti-ID4 Antibody (aa1-50) IHC-plus; Rabbit Polyclonal (IgG) to Human ID4; Human ID4; BHLHb27; IDB4; Inhibitor of DNA binding 4; anti-ID4 antibody

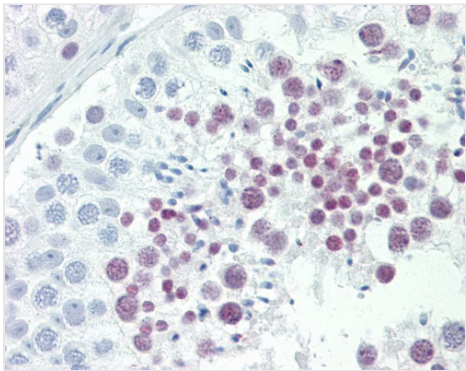
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ID4 Antibody detects endogenous levels of total ID4 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	161
Applicable Applications for anti-ID4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	ID4 antibody was raised against synthetic peptide from human ID4 (aa1-50).
Immunogen Description	Synthetic peptide from human ID4 (aa1-50).
Antigen Modification	aa1-50
Target Species	Human
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



WB (Western Blot)
Western blot of extracts from HepG2 cells, using ID4 Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)
Anti-ID4 antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ID4 antibody	ID4 Antibody, BHLHb27 Antibody, IDB4 Antibody, Inhibitor of DNA binding 4 Antibody Description: 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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504573
NCBI GeneID	3400
NCBI Accession #	NP_001537.1
NCBI GenBank Nucleotide #	NM_001546.3
UniProt Accession #	P47928; Q13005
Molecular Weight	16,622 Da
NCBI Official Full Name	DNA-binding protein inhibitor ID-4
NCBI Official Synonym Full Names	inhibitor of DNA binding 4, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID4
NCBI Official Synonym Symbols	IDB4; bHLHb27
NCBI Protein Information	DNA-binding protein inhibitor ID-4
UniProt Protein Name	DNA-binding protein inhibitor ID-4
UniProt Gene Name	ID4
UniProt Synonym Gene Names	BHLHB27; bHLHb27
UniProt Entry Name	ID4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.