



Anti-ID3 (aa 1-83) polyclonal antibody (DPAB-DC1652)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with other HLH proteins. However, the encoded protein lacks a basic DNA-binding domain and therefore inhibits the DNA binding of any HLH protein with which it interacts.
Immunogen	ID3 (NP_002158, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag. The sequence is MKALSPVRGCYEAVCCLSERSLAIARGRGKGPAEEPLSLLDDMNHCYSRLRELVPGVPR GTQLSQVEILQRVIDYILDQVV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ID3 inhibitor of DNA binding 3, dominant negative helix-loop-helix protein [Homo sapiens (human)]
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Official Symbol	ID3
Synonyms	ID3; inhibitor of DNA binding 3, dominant negative helix-loop-helix protein; HEIR-1; bHLHb25; DNA-binding protein inhibitor ID-3; helix-loop-helix protein HEIR-1; ID-like protein inhibitor HLH 1R21; class B basic helix-loop-helix protein 25;
Entrez Gene ID	3399
Protein Refseq	NP_002158
UniProt ID	Q02535
Chromosome Location	1p36.13-p36.12
Pathway	Adipogenesis; TGF-beta signaling pathway;
Function	protein dimerization activity; protein domain specific binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity
