

## Anti-ID3 Antibody

Catalog Number: A01379-1

### About ID3

The helix-loop-helix (HLH) family of transcription factors plays a central role in the regulation of cell growth, differentiation and tumourigenesis. Members of the Id (inhibitor of DNA binding) class of these nuclear proteins are able to heterodimerise with and thereby antagonise the functions of other transcription factors of this family. Inhibitor of DNA binding 3, dominant negative helix-loop-helix protein (ID3, synonym: HEIR-1) is a member of the ID family of HLH proteins, which lacks a basic DNA-binding domain and inhibits transcription through formation of nonfunctional dimers that are incapable of binding to DNA.

### Overview

Product Name	Anti-ID3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ID3 Antibody catalog # A01379-1. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt $-20^{\circ}\text{C}$ as supplied. 6 months $2$ to $8^{\circ}\text{C}$ after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q02535

### Technical Details

Immunogen	E.coli-derived human ID3 recombinant protein (Position: A3-S116).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ELISA, 1:100-1000

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