

ID4 Antibody

ID4, inhibitor of DNA binding 4, dominant negative helix-loop-helix protein, Inhibitor of DNA binding 4, dominant negative helix-loop-helix

CATALOG NO.: 45-759

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

ID4 Antibody.

SOURCE:

ID4 antibody was raised against a synthetic peptide of ID4.

PROTEIN ACCESSION NUMBER(S) :

NP_001537.1

SPECIES REACTIVITY:

Human, Mouse, Rat, Pig

TESTED APPLICATION:

E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:32,000.
Western Blot: Preliminary experiments gave an approx 25kDa band in human kidney, brain and heart lysates at 1ug/ml, in brain and heart this was accompanied by a 40kDa band. Please note that currently we cannot find an explanation in the literature for the bands we observe given the predicted size of approx. 19kDda according to NP_001537.1.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Rigolet M, Rich T, Gross-Morand MS, Molina-Gomes D, Viegas-Pequignot E, Junien C. cDNA cloning, tissue distribution and chromosomal localization of the human ID4 gene DNA Res. 1998 Oct 30;5(5):309-13.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.