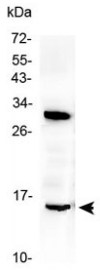
ID2 Antibody / Inhibitor of DNA binding 2 (R32758)

Catalog No.	Formulation	Size
R32758	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q02363
Applications	WB: 0.5-1ug/ml
Limitations	This ID2 antibody is available for research use only.



Western blot testing of rat brain lysate with ID2 antibody at 0.5ug/ml. Predicted molecular weight ~15 kDa.

Description

DNA-binding protein inhibitor ID-2 is a protein that in humans is encoded by the ID2 gene. The protein encoded by this gene belongs to the inhibitor of DNA binding family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the inhibitor of DNA binding family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene

of this gene is located on chromosome 3.

Application Notes

Optimal dilution of the ID2 antibody should be determined by the researcher.

Immunogen

Amino acids 86-120 (VSLHHQRPGQNQASRTPLTTLNTDISILSLQASEF) from the human protein were used as the immunogen for the ID2 antibody.

Storage

After reconstitution, the ID2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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