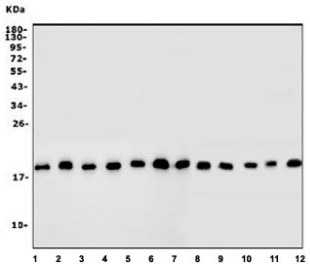
Inhibitor of DNA binding 2 Antibody / ID2 (RQ6321)

Catalog No.	Formulation	Size
RQ6321	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q02363
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Inhibitor of DNA binding 2 antibody is available for research use only.



Western blot testing of human 1) HEK293, 2) HepG2, 3) Caco-2, 4) U-87 MG, 5) PC-3, 6) HL60, 7) HeLa, 8) rat liver, 9) rat ovary, 10) mouse liver, 11) mouse lung and 12) mouse spleen lysate with Inhibitor of DNA binding 2 antibody. Predicted molecular weight ~18 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 Inhibitor of DNA binding 2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-C133) was used as the immunogen for the Inhibitor of DNA binding 2 antibody.

Storage

After reconstitution, the Inhibitor of DNA binding 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.