



Datasheet for ABIN3021262
anti-Id2 antibody (AA 75-134)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	Id2
Binding Specificity:	AA 75-134
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Id2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 75-134 of human ID2 (NP_002157.2).
Sequence:	LQIALDSHPT IVSLHHQRPG QNQSARTPLT TLNTDISILS LQASEFPSEL MSNDSKALCG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Id2
---------	-----

Target Details

Alternative Name: ID2 ([Id2 Products](#))

Background: 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.,ID2,GIG8,ID2A,ID2H,bHLHb26,Epigenetics & Nuclear Signaling,Transcription Factors,Stem Cells,ID2

Molecular Weight: 14 kDa

Gene ID: 3398

UniProt: [Q02363](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

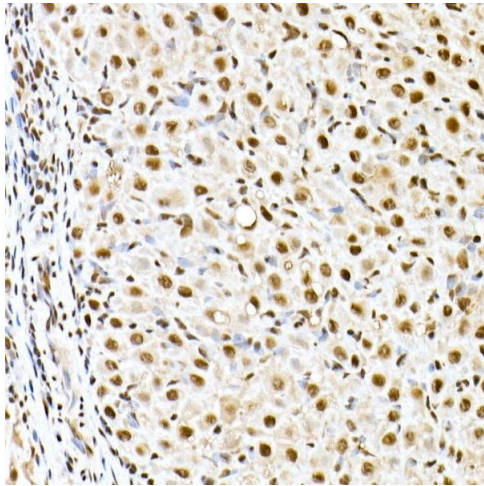
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid freeze / thaw cycles

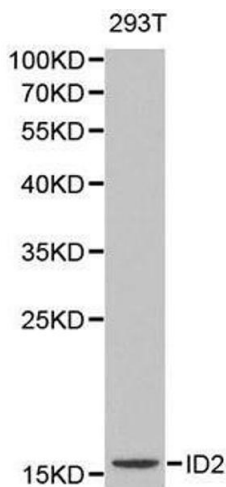
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



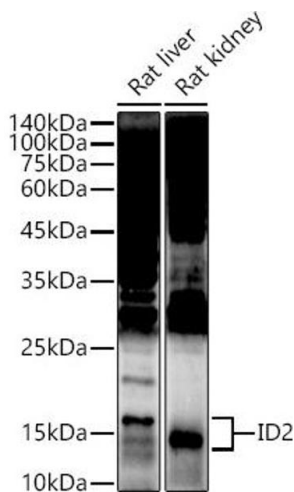
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat ovary using ID2 Rabbit pAb (ABIN3021261, ABIN3021262, ABIN3021263 and ABIN6214091) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of 293T cell lysate using ID2 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using ID2 antibody (ABIN3021261, ABIN3021262, ABIN3021263 and ABIN6214091) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3021262.