

Product datasheet for TA330145

ID2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-ID2 antibody: synthetic peptide directed towards the middle region

of human ID2. Synthetic peptide located within the following region: TIVSLHHQRPGQNQASRTPLTTLNTDISILSLQASEFPSELMSNDSKALC

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 15 kDa

Gene Name: inhibitor of DNA binding 2, HLH protein

Database Link: NP 002157

Entrez Gene 3398 Human

Q02363



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Background:

ID2 belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID 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. The protein encoded by this gene belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID 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 has been identified for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: bHLHb26; GIG8; ID2A; ID2H

Note: Immunogen sequence homology: Bovine: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Pig:

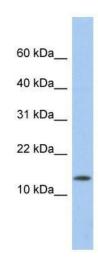
92%; Chicken: 84%

Protein Families: ES Cell Differentiation/IPS, Stem cell relevant signaling - TGFb/BMP signaling pathway,

Transcription Factors

Protein Pathways: TGF-beta signaling pathway

Product images:



WB Suggested Anti-ID2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control:

Human Thymus