



[Go to Product page](#)

Datasheet for ABIN2779573
anti-ID3 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	ID3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Horse, Cow, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ID3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ID3
Sequence:	MKALSPVRGC YEAVCCLSER SLAIARGRGK GPAAEEPLSL LDDMNH CYSR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 100%, Rat: 93%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against ID3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	ID3
---------	-----

Target Details

Alternative Name: ID3 ([ID3 Products](#))

Background: ID3 is a member of the ID family. The members of the family of helix-loop-helix (HLH) proteins lack a basic DNA-binding domain and inhibit transcription through formation of nonfunctional dimers that are incapable of binding to DNA. Members of the ID family of helix-loop-helix (HLH) proteins lack a basic DNA-binding domain and inhibit transcription through formation of nonfunctional dimers that are incapable of binding to DNA. [supplied by OMIM].

Alias Symbols: HEIR-1, bHLHb25

Protein Interaction Partner: UBC, TCF12, TCF3, TCF4, FAM74A1, ZNF626, ZNF408, RND1, PUF60, ZNF3, MLX, CNOT3, ID3, GNB2, FHL2, CSK, ATF3, CDK2, SMURF2, PRDM14, CBFA2T2, SAP30, IKBKG, E2F4, GATA4, NKX2-5, ID4, GTF2A1L, ELK4, ELK1, SREBF1, PAX5, MYF6, MYF5, MYOG, MYOD1, IFI16, HES1, RUN

Protein Size: 119

Molecular Weight: 13 kDa

Gene ID: 3399

NCBI Accession: [NM_002167](#), [NP_002158](#)

UniProt: [Q02535](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 119 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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

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 repeated freeze-thaw cycles.

Handling

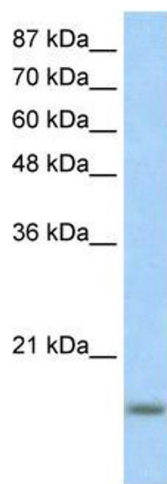
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1 regulation with glucocorticoid receptor-interacting protei" in: **Molecular pharmacology**, Vol. 67, Issue 3, pp. 845-55, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ID3 Antibody Titration: 1.25ug/ml Positive Control: Transfected 293T