



ID3 Polyclonal Antibody

Catalog No	YP-Ab-07306
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ID3 1R21 BHLHB25 HEIR1
Immunogen	Synthesized peptide derived from human protein . at AA range: 68-117
Specificity	ID3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	1R21;bHLHb25;HEIR 1;HEIR1;ID3;Inhibitor of DNA binding 3;ID3 1R21 BHLHB25 HEIR1;DNA-binding protein inhibitor ID-3 (Class B basic helix-loop-helix protein 25) (bHLHb25) (Helix-loop-helix protein HEIR-1) (ID-like protein inhibitor HLH 1R21) (Inhibitor of DNA binding 3)
Observed Band	13kD
Calculated Molecular Weight	13kD
Cell Pathway	Nucleus.
Tissue Specificity	Expressed abundantly in lung, kidney and adrenal gland, but not in adult brain.
Function	function:ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. May inhibit other transcription factors.,induction:By phorbol 12-myristate 13-acetate (PMA).,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Interacts with COPS5 and COPS7A (By similarity). Homodimer, and heterodimer with other HLH proteins.,tissue specificity:Expressed abundantly in lung, kidney and adrenal gland, but not in adult brain.,



Background

The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with other HLH proteins. However, the encoded protein lacks a basic DNA-binding domain and therefore inhibits the DNA binding of any HLH protein with which it interacts. [provided by RefSeq, Aug 2011],

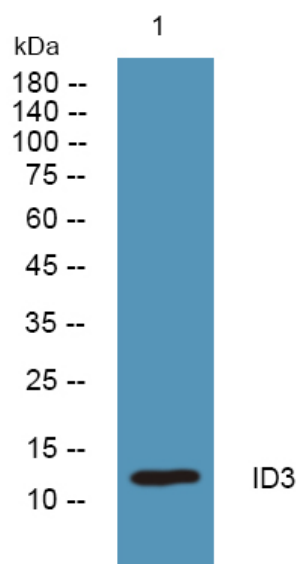
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night