



ID3 Polyclonal Antibody

Catalog No	BYab-23502
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ID3 1R21 BHLHB25 HEIR1
Protein Name	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)
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	
Observed Band	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.,

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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

