Product Name: **HEN1/2 Rabbit Polyclonal Antibody**
Catalog #: **APRab11979**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	19kDa

Antigen Information

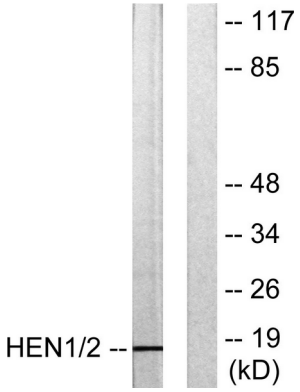
Gene Name	HEN1/HEN2
Alternative Names	NHLH1; BHLHA35; HEN1; Helix-loop-helix protein 1; HEN-1; Class A basic helix-loop-helix protein 35; bHLHa35; Nescient helix loop helix 1; NSCL-1; NHLH2; BHLHA34; HEN2; KIAA0490; Helix-loop-helix protein 2; HEN-2; Class A basic helix-loop-he
Gene ID	4807/4808
SwissProt ID	Q02575/Q02577
Immunogen	The antiserum was produced against synthesized peptide derived from human HEN1/2. AA range:41-90

Background

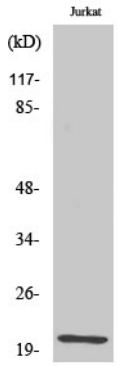
The helix-loop-helix (HLH) proteins are a family of putative transcription factors, some of which have been shown to play an important role in growth and development of a wide variety of tissues and species. Four members of this family have been clearly implicated in tumorigenesis via their involvement in chromosomal translocations in lymphoid tumors: MYC (MIM 190080), LYL1 (MIM 151440), E2A (MIM 147141), and SCL (MIM 187040).[supplied by OMIM, Nov 2002],function:May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,

Research Area

Image Data



Western blot analysis of lysates from Jurkat cells, using HEN1/2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HEN1/2 Polyclonal Antibody diluted at 1 : 1000.