

Anti-HEN1/2 Antibody

Catalog # AP53853

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q02575
Other Accession	Q02577
Reactivity	Human, Mouse, Rat, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14618

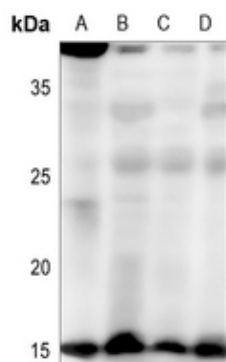
Additional Information

Gene ID	4807
Other 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-helix protein 34; bHLHa34; Nescient helix loop helix 2; NSCL-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HEN1/2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

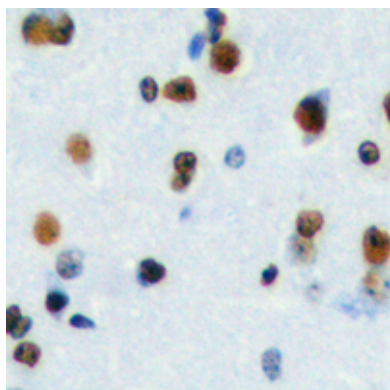
Protein Information

Name	NHLH1
Synonyms	BHLHA35, HEN1
Function	May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00981}.

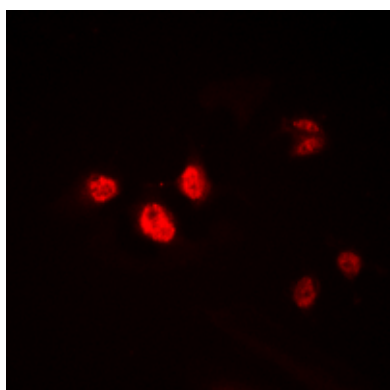
Images



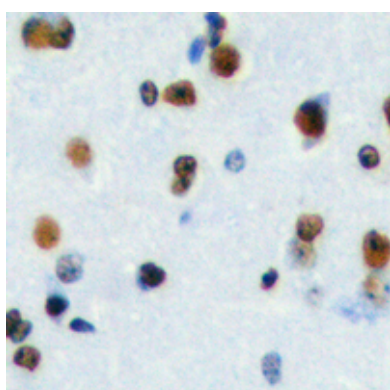
Western blot analysis of HEN1/2 expression in HEK293T (A), HeLa (B), A375 (C), DLD (D) whole cell lysates. (Predicted band size: 14; 15 kD; Observed band size: 15 kD)



Immunohistochemical analysis of HEN1/2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HEN1/2 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of HEN1/2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.