BHLHE40 Polyclonal Antibody

Catalog No. E-AB-61196

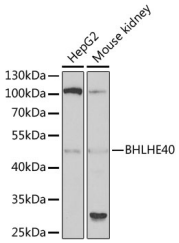
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

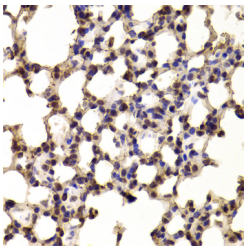
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human BHLHE40
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

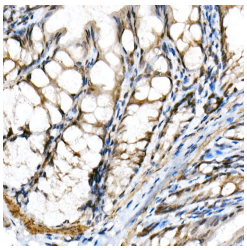
Data



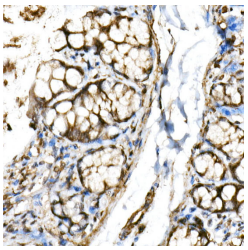
Western blot analysis of extracts of various cell lines using BHLHE40 Polyclonal Antibody at 1:1000 dilution.
Observed Mw:48kDa
Calculated Mw:45kDa



Immunohistochemistry of paraffin-embedded human lung using BHLHE40 Polyclonal Antibody at dilution of 1:150 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse colon using BHLHE40 Polyclonal antibody at dilution of 1:150 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat colon using BHLHE40 Polyclonal antibody at dilution of 1:150 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

This gene encodes a basic helix-loop-helix protein expressed in various tissues. The encoded protein can interact with ARNTL or compete for E-box binding sites in the promoter of PER1 and repress CLOCK/ARNTL's transactivation of PER1. This gene is believed to be involved in the control of circadian rhythm and cell differentiation.

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