

HAND1 Polyclonal Antibody

catalog number: E-AB-19541

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

Description

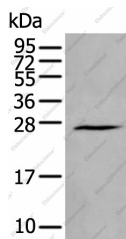
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human HAND1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:20-1:100

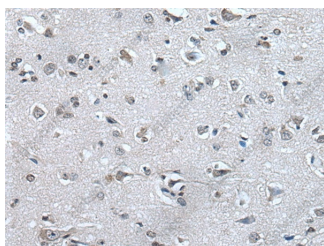
Data



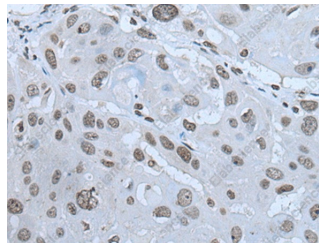
Western blot analysis of Human fetal brain tissue lysate using HAND1 Polyclonal Antibody at dilution of 1:400

Observed-MW: Refer to figures

Calculated-MW: 24 kDa



Immunohistochemistry of paraffin-embedded Human brain tissue using HAND1 Polyclonal Antibody at dilution of 1:30 (x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HAND1 Polyclonal Antibody at dilution of 1:30 (x200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.8

The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product is one of two closely related family members, the HAND proteins, which are asymmetrically expressed in the developing ventricular chambers and play an essential role in cardiac morphogenesis. Working in a complementary fashion, they function in the formation of the right ventricle and aortic arch arteries, implicating them as mediators of congenital heart disease. In addition, it has been suggested that this transcription factor may be required for early trophoblast differentiation.