

HAND1 Ab

[Images\(1\)](#)

Cat.#: AF0673 Concn.: ~1mg/ml Mol.Wt.: 23kDa
Size: Source: Rabbit Clonality: Polyclonal

Application: IF/ICC 1:100-1:500, WB 1:500-1:2000
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

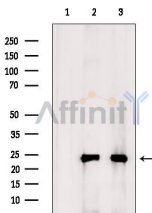
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human HAND1, corresponding to a region within the internal amino acids.

Uniprot: O96004

Description: 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.



Western blot analysis of extracts from various samples, using HAND1 Ab.
Lane 1: 3T3, treated with blocking peptide;
Lane 2: 3T3;
Lane 3: Myeloma cells.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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