
Nkx2.5 Rabbit pAb

Catalog Number: bs-21479R

Target Protein: Nkx2.5

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 36 kDa

Entrez Gene: 18091

Swiss Prot: P42582

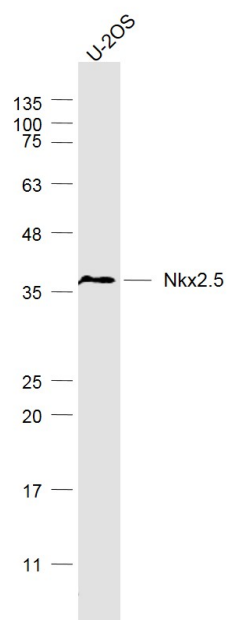
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: In humans, mutations of the gene encoding the homeobox transcription factor Nkx2.5 result in electrical conduction defects and morphological abnormalities of the heart (Dupays et al., 2005). In the heart, Nkx2.5 is expressed in both the myocardium and the endocardium. Differentiation of embryonic stem cells to Nkx2.5-positive cardiomyocytes is facilitated by Wnt11.

VALIDATION IMAGES



Sample: U-2OS (Human) Cell Lysate at 30 ug Primary: Anti-Nkx2.5 (bs-21479R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD