

## Catalog #: 52516

### Aliases

KANK2; KN Motif And Ankyrin Repeat Domains 2; SIP; KIAA1518; ANKRD25; MXRA3; KN Motif And Ankyrin Repeat Domain-Containing Protein ; Steroid Receptor Coactivator Interacting Protein; Ankyrin Repeat Domain-Containing Protein 25; Matrix-Remodeling-Associated Protein 3; SRC1-Interacting Protein; SRC-Interacting Protein; Kidney Ankyrin Repeat-Containing Protein; Matrix-Remodelling Associated 3; SRC-1-Interacting Protein; Ankyrin Repeat Domain 25; NPHS16; PPKWH

### Background

Gene Name: KANK2

NCBI Gene Entry: [25959](#)

UniProt Entry: [Q63ZY3](#)

### Application Information

Molecular Weight: Predicted, 91 kDa, observed, 115 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human KANK2

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:200

Immunocytochemistry (IC): 1:50-1:200

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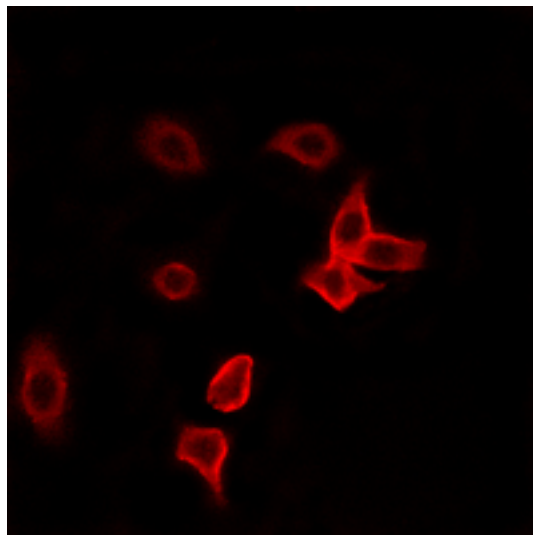
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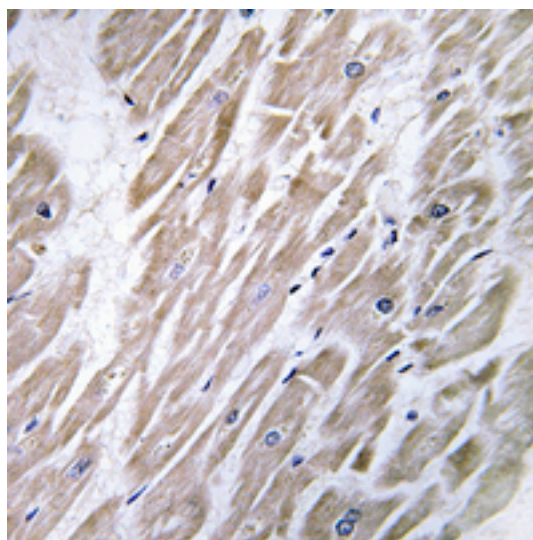
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**Note:** This product is for research use only.

## Validation Data



Immunocytochemical analysis of KANK2 staining in A549 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of KANK2 staining in human heart 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

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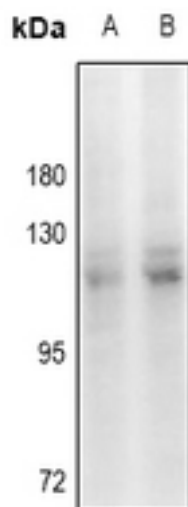
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the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of KANK2 expression in A375 (A), SKOV3 (B) whole cell lysates.