KANK2 Antibody

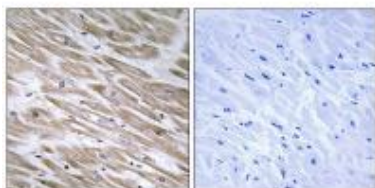Catalog No: #34424

Package Size: #34424-1 50ul   #34424-2 100ul

Description

Product Name	KANK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KANK2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KANK2.
Target Name	KANK2
Other Names	Ankyrin repeat domain-containing protein 25; SRC-1-interacting protein; SRC1-interacting protein; Matrix-remodeling-associated protein 3;
Accession No.	Swiss-Prot: Q63ZY3NCBI Gene ID: 25959
Uniprot	Q63ZY3
GeneID	25959;
SDS-PAGE MW	92kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details
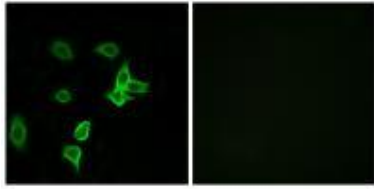
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

Images

Immunohistochemistry analysis of paraffin-embedded human heart tissue using KANK2 antibody #34424.

Immunofluorescence analysis of A549 cells, using KANK2 antibody #34424.

Background

Involved in transcription regulation by sequestering nuclear receptor coactivators, such as NCOA1, NCOA2 and NCOA3, in the cytoplasm; the function is deregulated by phosphorylation. May be involved in the control of cytoskeleton formation by regulating actin polymerization. Involved in regulation of caspase-independent apoptosis; proposed to sequester AIFM1 in mitochondria and apoptotic stimuli lead to its proteasomal degradation allowing the release of AIFM1 to the nucleus. May be involved in promotion of cell proliferation.

Nagase T., DNA Res. 7:143-150(2000).

Ota T., Nat. Genet. 36:40-45(2004).

Olsen J.V., Cell 127:635-648(2006).

Note: This product is for in vitro research use only