

Datasheet for ABIN7157690
anti-KANK2 antibody (AA 410-585)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	KANK2
Binding Specificity:	AA 410-585
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KANK2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human KN motif and ankyrin repeat domain-containing protein 2 protein (410-585AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KANK2
Alternative Name:	KANK2 (KANK2 Products)
Background:	Background: Involved in transcription regulation by sequestering nuclear receptor coactivators,

Target Details

such as NCOA1, NCOA2 and NCOA3, in the cytoplasm, the function is deregulated by phosphorylation. Involved in the negative control of vitamin D receptor signaling pathway (PubMed:24671081). 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 (PubMed:22371500). May be involved in promotion of cell proliferation (By similarity).

Aliases: KANK2 antibody, ANKRD25 antibody, KIAA1518 antibody, MXRA3 antibody, SIP antibody, KN motif and ankyrin repeat domain-containing protein 2 antibody, Ankyrin repeat domain-containing protein 25 antibody, Matrix-remodeling-associated protein 3 antibody, SRC-1-interacting protein antibody, SIP antibody, SRC-interacting protein antibody, SRC1-interacting protein antibody

UniProt: [Q63ZY3](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

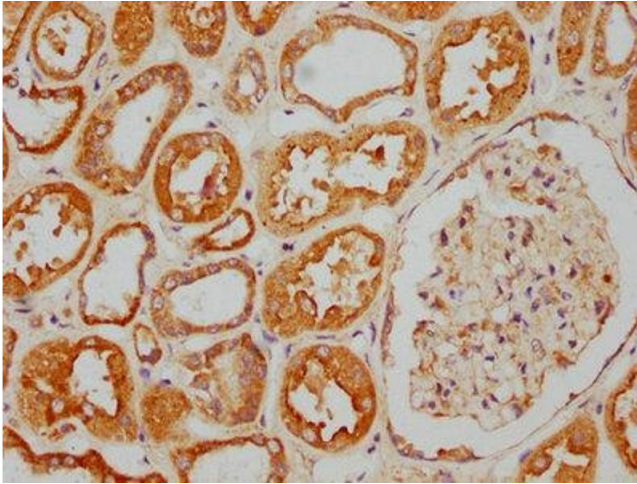
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7157690 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.