



[Go to Product page](#)

Datasheet for ABIN7157624
anti-KIF22 antibody (AA 34-169)

2 Images

Overview

Quantity:	100 µg
Target:	KIF22
Binding Specificity:	AA 34-169
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF22 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Kinesin-like protein KIF22 protein (34-169AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KIF22
Alternative Name:	KIF22 (KIF22 Products)
Background:	Background: Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA (By similarity).

Target Details

Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells (PubMed:25743205).

Aliases: A 328A3.2 antibody, KID antibody, KIF 22 antibody, kif22 antibody, KIF22_HUMAN antibody, Kinesin family member 22 antibody, Kinesin like 4 antibody, Kinesin like DNA binding protein antibody, Kinesin like DNA binding protein pseudogene antibody, Kinesin like protein 4 antibody, Kinesin like protein KIF22 antibody, Kinesin-like DNA-binding protein antibody, Kinesin-like protein 4 antibody, Kinesin-like protein KIF22 antibody, KNSL 4 antibody, KNSL4 antibody, OBP 1 antibody, OBP 2 antibody, OBP antibody, OBP1 antibody, OBP2 antibody, Origin of plasmid DNA replication binding protein antibody, OriP binding protein antibody, OTTHUMP00000123406 antibody, SEMDJL2 antibody

UniProt: [Q14807](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

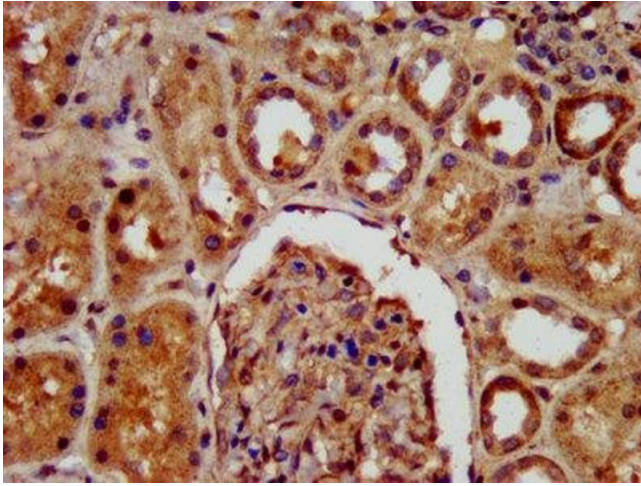
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

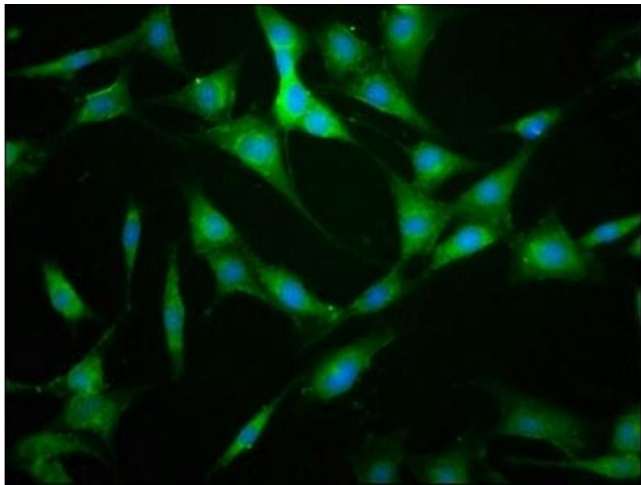
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7157624 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 30min 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.



Immunofluorescence

Image 2. Immunofluorescence staining of NIH/3T3 cells with ABIN7157624 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).