

Datasheet for ABIN7152170
anti-EIF3K antibody (AA 1-218)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	EIF3K
Binding Specificity:	AA 1-218
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3K antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit K protein (1-218AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	EIF3K
Alternative Name:	EIF3K (EIF3K Products)
Background:	Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates

Target Details

with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

Aliases: ARG134 antibody, eIF 3 p25 antibody, eIF 3 p28 antibody, eIF-3 p25 antibody, eIF-3 p28 antibody, EIF3-p28 antibody, eif3k antibody, EIF3K_HUMAN antibody, EIF3S12 antibody, Eukaryotic translation initiation factor 3 subunit 12 antibody, Eukaryotic translation initiation factor 3 subunit K antibody, HSPC029 antibody, M9 antibody, MSTP001 antibody, Muscle specific gene M9 protein antibody, Muscle-specific gene M9 protein antibody, PLAC 24 antibody, PLAC-24 antibody, PLAC24 antibody, PRO1474 antibody, PTD001 antibody

UniProt: [Q9UBQ5](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

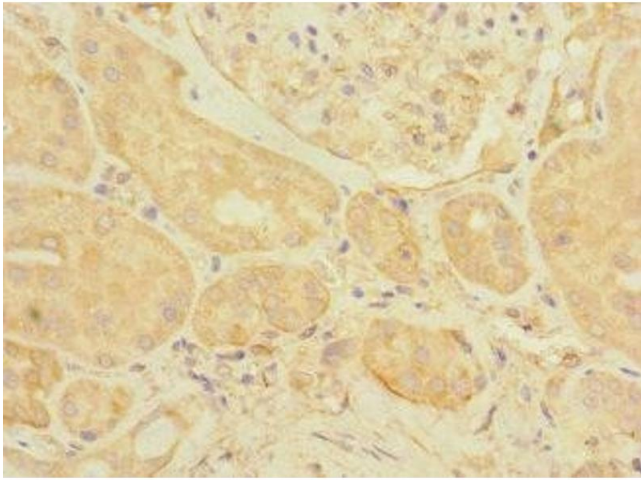
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

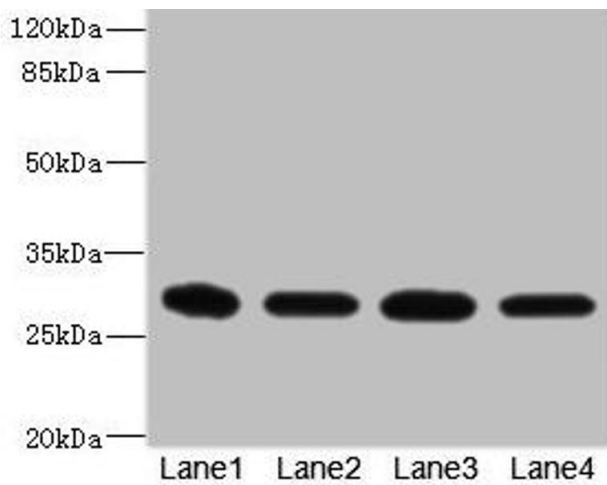
Storage: -20 °C,-80 °C

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



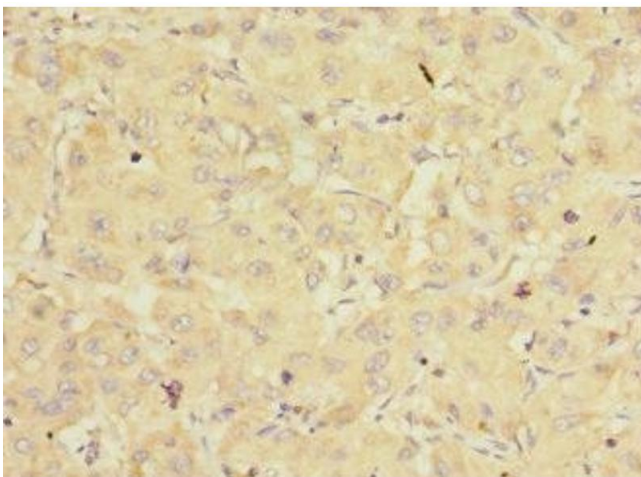
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7152170 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: EIF3K antibody at 1.72 μ g/mL Lane 1: THP-1 whole cell lysate Lane 2: HT29 whole cell lysate Lane 3: 293T whole cell lysate Lane 4: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 26, 25 kDa Observed band size: 26 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7152170 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7152170.