

Datasheet for ABIN7152153  
**anti-EIF3E antibody (AA 1-445)**[Go to Product page](#)

## 2 Images

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | EIF3E                                |
| Binding Specificity: | AA 1-445                             |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This EIF3E antibody is un-conjugated |
| Application:         | ELISA, Immunohistochemistry (IHC)    |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Eukaryotic translation initiation factor 3 subunit E protein (1-445AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Antigen Affinity Purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | EIF3E   |
| Alternative Name: | EIF3E ( <a href="#">EIF3E Products</a> )  |
| 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-tRNA<sup>i</sup> 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. Required for nonsense-mediated mRNA decay (NMD), may act in conjunction with UPF2 to divert mRNAs from translation to the NMD pathway. May interact with MCM7 and EPAS1 and regulate the proteasome-mediated degradation of these proteins. Aliases: eIF-3 p48 antibody, eIF3e antibody, EIF3E\_HUMAN antibody, EIF3S6 antibody, eIFe antibody, Eukaryotic translation initiation factor 3 subunit 6 antibody, Eukaryotic translation initiation factor 3 subunit E antibody, eukaryotic translation initiation factor 3, subunit 6 (48kD) antibody, INT6 antibody, mammary tumor-associated protein INT6 antibody, murine mammary tumor integration site 6 (oncogene homolog) antibody, Viral integration site protein INT-6 homolog antibody

UniProt: [P60228](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Hepatitis C](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

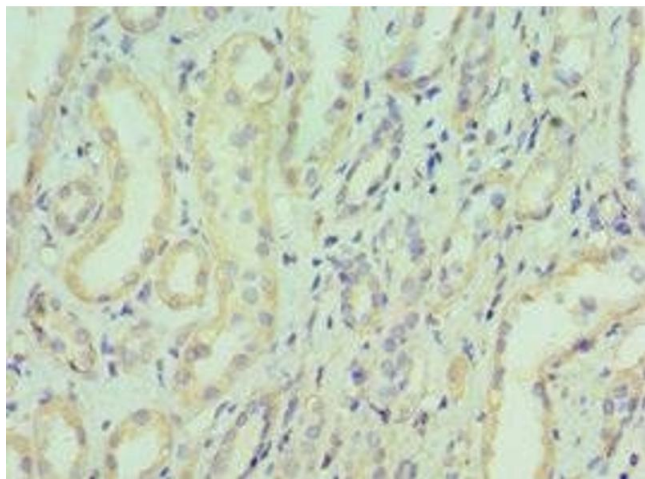
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

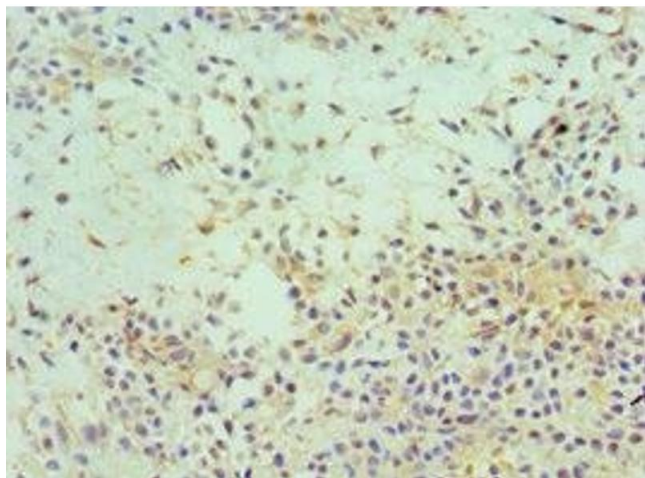
Storage: -20 °C,-80 °C

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 ABIN7152153 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7152153 at dilution of 1:100