

## PDHA2 Polyclonal Antibody

catalog number: **E-AB-65645**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

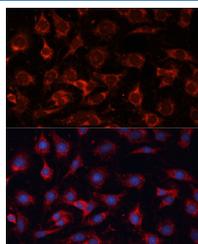
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human PDHA2 (NP_005381.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

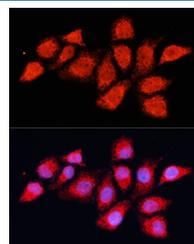
### Recommended Dilution

<b>IF</b>	1:50-1:200
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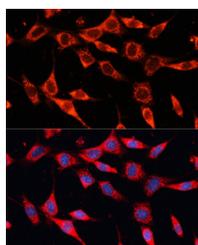
### Data



Immunofluorescence analysis of C6 cells using PDHA2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using PDHA2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using PDHA2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. A void freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

PDHA2 (Pyruvate Dehydrogenase E1 Subunit Alpha 2) is a Protein Coding gene. Diseases associated with PDHA2 include Spermatogenic Failure 1. Among its related pathways are Glucose metabolism and Citrate cycle (TCA cycle). Gene Ontology (GO) annotations related to this gene include oxidoreductase activity, acting on the aldehyde or oxo group of donors, disulfide as acceptor and pyruvate dehydrogenase (acetyl-transferring) activity. An important paralog of this gene is PDHA1.

### For Research Use Only