

Pyruvate Dehydrogenase E1 alpha antibody

Cat. No. GTX104015

| | |
|--------------------|----------------------------------------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Application | WB, ICC/IF, IHC-P, IHC-Wm, IP, IHC (Free Floating) |
| Reactivity | Human, Mouse, Rat, Zebrafish |

Reference (11)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---------------------|----------------------|
| WB | 1:500-1:10000 |
| ICC/IF | 1:100-1:1000 |
| IHC-P | 1:100-1:1000 |
| IHC-Wm | Assay dependent |
| IP | 1:100-1:500 |
| IHC (Free Floating) | Assay dependent |

Not tested in other applications.

Calculated MW 43 kDa. ([Note](#))

PROPERTIES

| | |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.39 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human Pyruvate Dehydrogenase E1 alpha. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |



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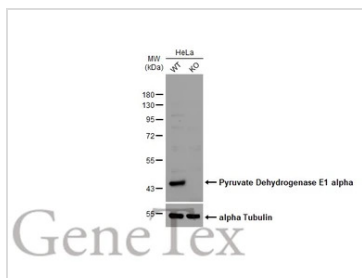
Date 2024 / 05 / 01 Page 1 of 2

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Note

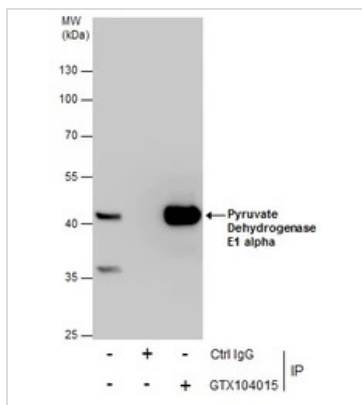
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DATA IMAGES



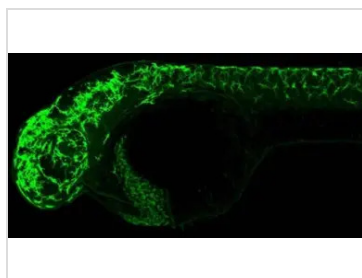
GTX104015 WB Image

Wild-type (WT) and Pyruvate Dehydrogenase E1 alpha knockout (KO) HeLa cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Pyruvate Dehydrogenase E1 alpha antibody (GTX104015) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX104015 IP Image

Immunoprecipitation of Pyruvate Dehydrogenase E1 alpha protein from HepG2 whole cell extracts using 5 µg of Pyruvate Dehydrogenase E1 alpha antibody (GTX104015). Western blot analysis was performed using Pyruvate Dehydrogenase E1 alpha antibody (GTX104015). EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.



GTX104015 IHC-Wm Image

Immunohistochemical analysis (whole mount) of zebrafish embryo, using Pyruvate Dehydrogenase E1 alpha antibody (GTX104015) at 1:200 dilution.



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