

**Anti-IDH3B Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18205****Specification**

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**Anti-IDH3B Antibody - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O43837</a>
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	42184

**Anti-IDH3B Antibody - Additional Information****Gene ID** 3420**Alias Symbol** IDH3B**Other Names**IDH3B, H-IDHB, RP46, NAD<sup>+</sup>-specific ICDH**Target/Specificity**

Human IDH3B

**Reconstitution & Storage**

Caprylic acid and ammonium sulfate precipitation

**Precautions**

Anti-IDH3B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-IDH3B Antibody - Protein Information****Name** IDH3B**Function**

Plays a structural role to facilitate the assembly and ensure the full activity of the enzyme catalyzing the decarboxylation of isocitrate (ICT) into alpha-ketoglutarate. The heterodimer composed of the alpha (IDH3A) and beta (IDH3B) subunits and the heterodimer composed of the alpha (IDH3A) and gamma (IDH3G) subunits, have considerable basal activity but the full activity of the heterotetramer (containing two subunits of IDH3A, one of IDH3B and one of IDH3G) requires the assembly and cooperative function of both heterodimers.

**Cellular Location**

Mitochondrion.

## **Anti-IDH3B Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-IDH3B Antibody - Images**