

Anti-IDH3B Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18205

Product Information

Application	WB, IHC-P, E
Primary Accession	O43837
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	42184

Additional Information

Gene ID	3420
Alias Symbol	IDH3B
Other Names	IDH3B, H-IDHB, RP46, NAD ⁺ -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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.