

Anti-IDH3G Antibody (aa337-350)

Goat Anti Human Polyclonal Antibody

Catalog # ALS17828

Product Information

Application	WB, IHC-P, E
Primary Accession	P51553
Predicted	Human, Mouse, Rat, Hamster, Monkey, Pig, Bovine, Horse, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	42794
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	3421
Alias Symbol	IDH3G
Other Names	IDH3G, H-IDHG, NAD ⁺ -specific ICDH, IDH-gamma
Target/Specificity	Human IDH3G. This antibody is expected to recognize both reported isoforms (NP_004126.1; NP_777358.1).
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-IDH3G Antibody (aa337-350) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IDH3G
Function	Regulatory subunit which plays a role in the allosteric regulation 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. Photoreceptor inner segment

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