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Anti-IDH3G Antibody (aa337-350)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17828

Specification

Anti-IDH3G Antibody (aa337-350) - 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**

Anti-IDH3G Antibody (aa337-350) - 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.

Anti-IDH3G Antibody (aa337-350) - 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.

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Anti-IDH3G Antibody (aa337-350) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-IDH3G Antibody (aa337-350) - Images