

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.

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 Cytometry](#)
- [Cell Culture](#)

Anti-IDH3G Antibody (aa337-350) - Images