

IDH3A Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS15406**Specification**

IDH3A Antibody (C-Terminus) - Product Information

Application	WB
Primary Accession	P50213
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	40kDa KDa

IDH3A Antibody (C-Terminus) - Additional Information**Gene ID** 3419**Other Names**

Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial, 1.1.1.41, Isocitric dehydrogenase subunit alpha, NAD(+)-specific ICDH subunit alpha, IDH3A

Target/Specificity

Human IDH3A.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

IDH3A Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

IDH3A Antibody (C-Terminus) - Protein Information**Name** IDH3A ([HGNC:5384](#))**Function**

Catalytic subunit of the enzyme which catalyzes 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.

Volume

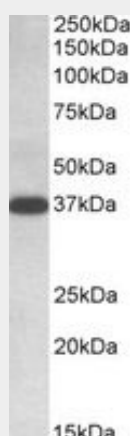
50 µl

IDH3A Antibody (C-Terminus) - 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](#)

IDH3A Antibody (C-Terminus) - Images



IDH3A antibody (0.1 ug/ml) staining of Human Lymph Nodes lysate (35 ug protein/ml in RIPA buffer).

IDH3A Antibody (C-Terminus) - References

Kim Y.O.,et al.Biochem. J. 308:63-68(1995).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lubec G.,et al.Submitted (DEC-2008) to UniProtKB.
Choudhary C.,et al.Science 325:834-840(2009).