

IDH1 Rabbit mAb
Catalog # AP74833**Specification**

IDH1 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	O75874
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46659

IDH1 Rabbit mAb - Additional Information**Gene ID** 3417**Other Names**

IDH1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

IDH1 Rabbit mAb - Protein Information**Name** IDH1**Synonyms** PICD**Function**

Catalyzes the NADP(+)-dependent oxidative decarboxylation of isocitrate (D-threo-isocitrate) to 2-ketoglutarate (2-oxoglutarate), which is required by other enzymes such as the phytanoyl-CoA dioxygenase (PubMed: [10521434](http://www.uniprot.org/citations/10521434)), PubMed: [19935646](http://www.uniprot.org/citations/19935646)). Plays a critical role in the generation of NADPH, an important cofactor in many biosynthesis pathways (PubMed: [10521434](http://www.uniprot.org/citations/10521434)). May act as a corneal epithelial crystallin and may be involved in maintaining corneal epithelial transparency (By similarity).

Cellular Location

Cytoplasm, cytosol. Peroxisome

IDH1 Rabbit mAb - 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](#)

IDH1 Rabbit mAb - Images

