

IDH2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12890**Specification**

IDH2 antibody - middle region - Product Information

Application	WB
Primary Accession	P48735
Other Accession	NM_002168 , NP_002159
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rabbit, Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 47kDa KDa

IDH2 antibody - middle region - Additional Information**Gene ID** 3418

Alias Symbol	ICD-M, IDH, IDHM, IDP, mNADP-IDH, IDPM, D2HGA2
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Other Names

Isocitrate dehydrogenase [NADP], mitochondrial, IDH, 1.1.1.42, ICD-M, IDP, NADP(+)-specific ICDH, Oxalosuccinate decarboxylase, IDH2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-IDH2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

IDH2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

IDH2 antibody - middle region - Protein Information**Name** IDH2**Function**

Plays a role in intermediary metabolism and energy production (PubMed:[22416140](http://www.uniprot.org/citations/22416140), PubMed:[19228619](http://www.uniprot.org/citations/19228619)). It may tightly associate or interact with the pyruvate dehydrogenase complex (PubMed:[22416140](http://www.uniprot.org/citations/22416140), PubMed:[19228619](http://www.uniprot.org/citations/19228619)).

Cellular Location

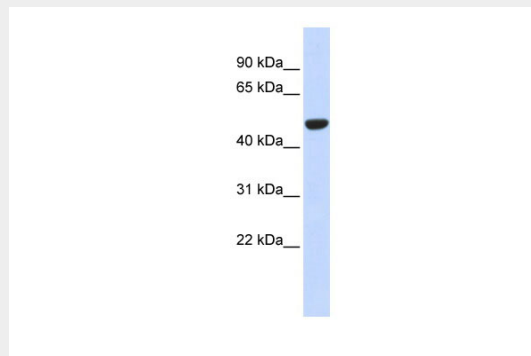
Mitochondrion {ECO:0000250|UniProtKB:P33198}.

IDH2 antibody - middle region - 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](#)

IDH2 antibody - middle region - Images



WB Suggested Anti-IDH2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: Human Muscle



IDH2 antibody - middle region validated by WB using Proximal kidney tubules purified from cortex at 1:1000.

IDH2 antibody - middle region - References

Shin, S.W., (2008) Biochem. Biophys. Res. Commun. 366(4), 1012-1018 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. Publications: Vohwinkel, C.U. et al. Elevated CO₂ levels cause mitochondrial dysfunction and impair cell proliferation. J. Biol. Chem. 286, 37067-76 (2011). WB, Zebrafish, Human, Mouse, Dog, Pig, Horse, Rabbit, Rat, Guinea pig, Bovine, Yeast 21903582