

IDH2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12890

Product Information

Application	WB
Primary Accession	P48735
Other Accession	NM_002168 , NP_002159
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Human, Mouse, Rabbit, Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 50909

Additional Information

Gene ID	3418
Alias Symbol	ICD-M, IDH, IDHM, IDP, mNADP-IDH, IDPM, D2HGA2
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.

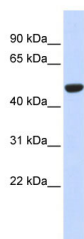
Protein Information

Name	IDH2
Function	Plays a role in intermediary metabolism and energy production (PubMed: 19228619 , PubMed: 22416140). It may tightly associate or interact with the pyruvate dehydrogenase complex (PubMed: 19228619 , PubMed: 22416140).
Cellular Location	Mitochondrion {ECO:0000250 UniProtKB:P33198}.

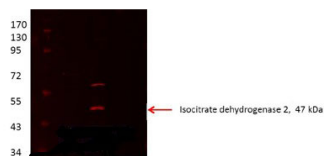
References

Shin,S.W.,(2008)Biochem.Biophys.Res.Commun.366(4),1012-1018ReconstitutionandStorage:Forshorttermuse ,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.Publications:Vohwinkel,C.U.etal.ElevatedCO(2)levelscausemitochondrialdysfunctionandimpaircellproliferation.J.Biol.C hem.286,37067-76(2011).WB,Zebrafish,Human,Mouse,Dog,Pig,Horse,Rabbit,Rat,Guineapig,Bovine,Yeast21903582

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.