

For Research Use Only

# IDH3A Polyclonal ANTIBODY



Catalog Number: 15909-1-AP

Featured Product

10 Publications

## Basic Information

**Catalog Number:**

15909-1-AP

**Size:**

150UL, Concentration: 167 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8662

**GenBank Accession Number:**

BC021967

**GeneID (NCBI):**

3419

**Full Name:**

isocitrate dehydrogenase 3 (NAD+) alpha

**Calculated MW:**

366 aa, 40 kDa

**Observed MW:**

40 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2400

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:20-1:200

## Applications

**Tested Applications:**

IF, IHC, IP, WB, ELISA

**Cited Applications:**

IF, IHC, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB: human skeletal muscle tissue, HepG2 cells, mouse brain tissue

IP: HepG2 cells,

IHC: human brain tissue,

IF: HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Teiji Oda	26437904	Circ J	WB
Weiwei Jin	29730295	Biochem Biophys Res Commun	WB,IHC
János Barna	30872665	Sci Rep	IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

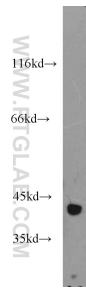
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

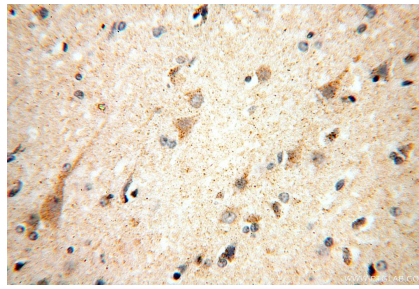
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

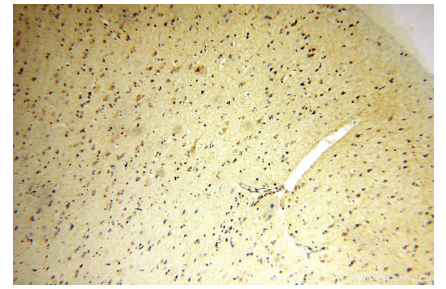
## Selected Validation Data



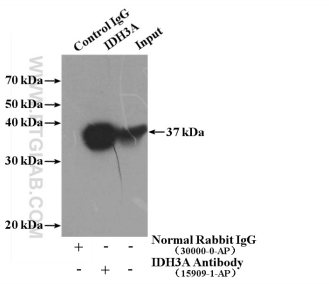
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 15909-1-AP (IDH3A antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



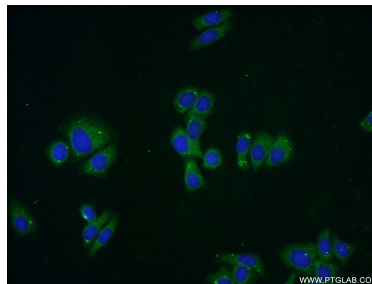
Immunohistochemical analysis of paraffin-embedded human brain using 15909-1-AP (IDH3A antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 15909-1-AP (IDH3A antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-IDH3A (IP:15909-1-AP, 4ug; Detection:15909-1-AP 1:1000) with HepG2 cells lysate 2400ug.



Immunofluorescent analysis of HepG2 cells using 15909-1-AP (IDH3A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).