# .-online.com antibodies

Datasheet for ABIN6262445 anti-IDH2 antibody

2 Images



### Overview

| Quantity:    | 100 μL   |
|--------------|--|
| Target:      | IDH2   |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This IDH2 antibody is un-conjugated  |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

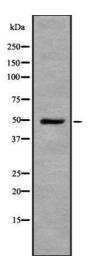
| Immunogen:        | A synthesized peptide derived from human IDH2  |
|-------------------|--|
| Isotype:          | lgG  |
| Specificity:      | IDH2 Antibody detects endogenous levels of total IDH2  |
| Cross-Reactivity: | Human, Mouse (Murine), Rat (Rattus)  |
| Purification:     | The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific). |

# Target Details

| Target:           | IDH2                 |
|-------------------|----------------------|
| Alternative Name: | IDH2 (IDH2 Products) |

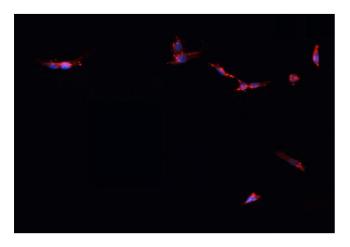
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6262445 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

| Target Details      |   |
|---------------------|---|
| Background:         | Description: Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.<br>Gene: IDH2 |
| Molecular Weight:   | 50 kDa  |
| Gene ID:            | 3418  |
| UniProt:            | P48735  |
| Pathways:           | Warburg Effect  |
| Application Details |   |
| Application Notes:  | WB 1:1000-3000 IHC 1:200, IF/ICC 1:100-1:500  |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | 1 mg/mL   |
| Buffer:             | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 $$ mM NaCl, 0.02 % sodium azide and 50 % glycerol.  |
| Preservative:       | Sodium azide  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:            | -20 °C  |
| Storage Comment:    | Store at -20 °C.Stable for 12 months from date of receipt   |
| Expiry Date:        | 12 months   |



#### Western Blotting

**Image 1.** Western blot analysis IDH2 using COS7 whole cell lysates



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6278478 staining HepG2? cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25jãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37jãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6262445 | 09/10/2023 | Copyright antibodies-online. All rights reserved.