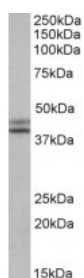


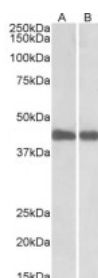


IDH1 Antibody

CATALOG NUMBER: 42-706



Western Blot (0.1ug/ml) staining of HepG2 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (0.1ug/ml) staining of Mouse (A) and Rat (B) Liver lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

| | |
|-----------------------------|--|
| SPECIES REACTIVITY: | Human, Mouse, Rat |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | ELISA: antibody detection limit dilution 1:1000. Western Blot: Approx 40+45kDa bands observed in lysates of cell line HepG2 and 40kDa in Mouse and Rat Liver lysates (calculated MW of 46.7kDa according to NP_005887.2). The observed 40kDa is consistent with observation with different antibodies from other |
| POSITIVE CONTROL: | 1) Cat. No. 1211 - HepG2 Cell Lysate |
| IMMUNOGEN: | IDH1 antibody was raised against a 13 amino acid synthetic peptide near the internal region of IDH1 (aa 65-77). |
| HOST SPECIES: | Goat |

Properties

| | |
|----------------------------|---|
| PURIFICATION: | IDH1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| PHYSICAL STATE: | Liquid |
| BUFFER: | IDH1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. |
| CONCENTRATION: | 500 ug/mL |
| STORAGE CONDITIONS: | Aliquot and store at -20°C. Minimize freezing and thawing. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Unconjugated |

Additional Info

| | |
|-------------------------|---|
| ALTERNATE NAMES: | IDH1, PICD, OTTHUMP00000206465, OTTHUMP00000206464, OTTHUMP00, NADP-dependent isocitrate dehydrogenase, peroxisomal, cytosolic, NADP+-specific ICDH, isocitrate dehydrogenase 1 (NADP+), soluble, IDPC, IDP, IDH, IDCDC |
| ACCESSION NO.: | NP_005887.2 |
| PROTEIN GI NO.: | 28178825 |
| OFFICIAL SYMBOL: | IDH1 |

GENE ID: 3417

Background

FOR RESEARCH USE ONLY

December 13, 2016