



## HADH2 Antibody

CATALOG NUMBER: 45-068



Western Blot staining (0.3ug/ml) of Human Brain lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

### Specifications

|                             |  |
|-----------------------------|--|
| <b>SPECIES REACTIVITY:</b>  | Human  |
| <b>TESTED APPLICATIONS:</b> | ELISA, WB  |
| <b>APPLICATIONS:</b>        | ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 25kDa band observed in Human Brain lysates (calculated MW of 26.9kDa according to NP_004484). Recommended concentration: 0.3-2ug/ml. A minor band of unknown identity was also consistently observed at appr 38kDa. This band was succe |
| <b>POSITIVE CONTROL:</b>    | 1) Cat. No. 1303 - Human Brain Tissue Lysate   |
| <b>SPECIFICITY:</b>         | This antibody is expected to recognise both reported isoforms.   |
| <b>IMMUNOGEN:</b>           | HADH2 antibody was raised against a 12 amino acid synthetic peptide near the C-Terminus of HADH2.  |
| <b>HOST SPECIES:</b>        | Goat   |

### Properties

|                            |  |
|----------------------------|--|
| <b>PURIFICATION:</b>       | HADH2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| <b>PHYSICAL STATE:</b>     | Liquid   |
| <b>BUFFER:</b>             | HADH2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.  |
| <b>CONCENTRATION:</b>      | 500 ug/mL  |
| <b>STORAGE CONDITIONS:</b> | Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>CLONALITY:</b>          | Polyclonal   |
| <b>CONJUGATE:</b>          | Unconjugated   |

### Additional Info

|                         |  |
|-------------------------|--|
| <b>ALTERNATE NAMES:</b> | HADH2, ABAD, ERAB, MHBD, HSD17B10, 17b-HSD10, hydroxyacyl-Coenzyme A dehydrogenase, type II, type 10 17b-HSD, AB-binding alcohol dehydrogenase, type 10 17beta-hydroxysteroid dehydrogenase, HADH2, MRPP2, SCHAD, XH98G2 |
| <b>ACCESSION NO.:</b>   | NP_004484  |

**PROTEIN GI NO.:** 4758504

**OFFICIAL SYMBOL:** HSD17B10

**GENE ID:** 3028

### Background

**REFERENCES:** 1) He XY, Schulz H, Yang SY. A human brain L-3-hydroxyacyl-coenzyme A dehydrogenase is identical to an amyloid beta-peptide-binding protein involved in Alzheimer's disease. J Biol Chem. 1998 Apr 24;273(17):10741-6.

**FOR RESEARCH USE ONLY**

December 13, 2016