

Product datasheet for TA302431

BDH2 Goat Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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| Product Type: | Primary Antibodies |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications: | IHC, WB |
| Recommended Dilution: | ELISA: 1:64000. WB:0.3-1µg/ml.IHC:5µg/ml |
| Reactivity: | Human (Expected from sequence similarity: Mouse, Rat) |
| Host: | Goat |
| lsotype: | lgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence C-TKKKQIDQFANE, from the internal region of the protein sequence according to NP_064524.3. |
| Formulation: | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 30348 Da |
| Gene Name: | 3-hydroxybutyrate dehydrogenase, type 2 |
| Database Link: | <u>NP_064524</u> <u>Entrez Gene 69772 MouseEntrez Gene 295458 RatEntrez Gene 56898 Human Q9BUT1</u> |
| Synonyms: | DHRS6; EFA6R; PRO20933; SDR15C1; UCPA-OR; UNQ6308 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Butanoate metabolism, Metabolic pathways, Synthesis and degradation of ketone bodies |



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Product images:

| 250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa | TA302431 (0.3ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | HEK293 overexpressing BDH2 ([RC210586]) and probed with TA302431 (mock transfection in first lane) |

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