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Datasheet for ABIN7466326 anti-SDR16C5 antibody



Overview

| Quantity: | 100 µL |
|-------------------|--|
| Target: | SDR16C5 (RDHE2) |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SDR16C5 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |
| Product Details | |
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human SDR16C5. |
| | The exact sequence is proprietary. |
| Isotype: | lgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |
| | |

Target Details

| Target: | SDR16C5 (RDHE2) |
|-------------------|--|
| Alternative Name: | short chain dehydrogenase/reductase family 16C member 5 (RDHE2 Products) |
| Background: | Short chain dehydrogenase/reductase family 16C member 5, EPHD-2, RDH#2, RDH-E2, |
| | RDHE2 , retSDR2,RDHE2 belongs to a family of short-chain alcohol dehydrogenases/reductases that catalyze the first and rate-limiting step that generates |

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| Target Details | |
|---------------------|--|
| | retinaldehyde from retinol (Matsuzaka et al., 2002 [PubMed 12372410]).[supplied by OMIM] |
| Molecular Weight: | 34 kDa |
| Gene ID: | 195814 |
| UniProt: | Q8N3Y7 |
| Application Details | |
| Application Notes: | WB: 1:1000-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be |
| | determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: IMR32 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |