

Datasheet for ABIN2856459

anti-TXNDC5 antibody

3 Images

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Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | TXNDC5 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TXNDC5 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|---|
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human TXNDC5. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Rabbit Polyclonal antibody to TXNDC5 (thioredoxin domain containing 5 (endoplasmic reticulum)) TXNDC5 antibody |
| Purification: | Purified by antigen-affinity chromatography. |
| Grade: | KO Validated |

Target Details

| | |
|---------|--------|
| Target: | TXNDC5 |
|---------|--------|

Target Details

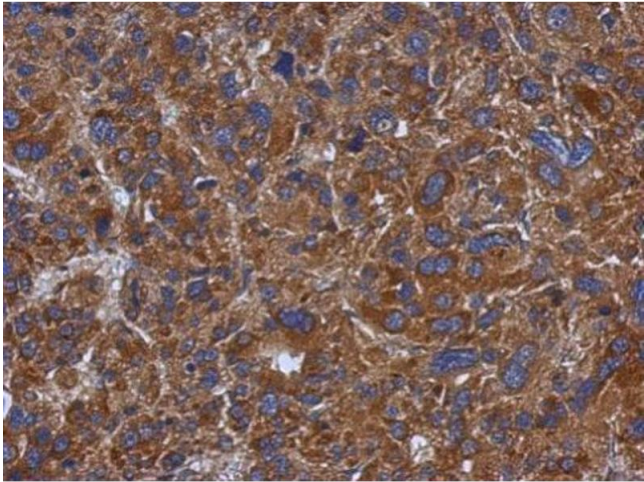
| | |
|-------------------|---|
| Alternative Name: | thioredoxin domain containing 5 (TXNDC5 Products) |
| Background: | This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Two transcript variants encoding different isoforms have been found for this gene. Cellular Localization: Endoplasmic reticulum lumen |
| Molecular Weight: | 48 kDa |
| Gene ID: | 81567 |
| UniProt: | Q8NBS9 |
| Pathways: | Cell RedoxHomeostasis |

Application Details

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| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: 293T , HeLa , HepG2 , Huh-7 Validation: KO/KD |
| Restrictions: | For Research Use only |

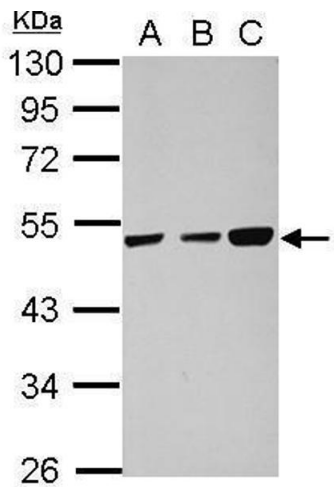
Handling

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|--------------------|--|
| 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. |



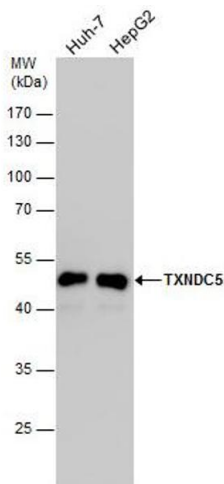
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human hepatoma, using TXNDC5, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T B: HeLa C: HepG2 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image TXNDC5 antibody detects TXNDC5 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with TXNDC5 antibody , diluted by 1:1000.