

## ARG55481 anti-TXNDC5 / EndoPDI antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes TXNDC5 / EndoPDI   |
| Tested Reactivity   | Hu, Ms, Rat  |
| Tested Application  | ICC/IF, WB   |
| Host                | Rabbit   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | TXNDC5 / EndoPDI   |
| Species             | Human  |
| Immunogen           | Recombinant protein of Human TXNDC5 / EndoPDI.   |
| Conjugation         | Un-conjugated  |
| Alternate Names     | HCC2; ERp46; Thioredoxin domain-containing protein 5; HCC-2; Thioredoxin-like protein p46; UNQ364; ER protein 46; ERP46; PDIA15; ENDOPDI; STRF8; Endoplasmic reticulum resident protein 46 |

### Application Instructions

| Application table | Application  | Dilution       |
|-------------------|--|----------------|
|                   | ICC/IF   | 1:50 - 1:200   |
|                   | WB   | 1:500 - 1:2000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | 293T   |                |
| Observed Size     | ~ 50 kDa   |                |

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purification with immunogen.   |
| Buffer              | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol   |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

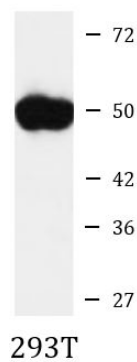
## Bioinformation

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|                |   |
|----------------|---|
| Database links | <a href="#">GeneID: 105245 Mouse</a><br><a href="#">GeneID: 81567 Human</a><br><a href="#">Swiss-port # Q8NBS9 Human</a><br><a href="#">Swiss-port # Q91W90 Mouse</a>   |
| Gene Symbol    | TXNDC5  |
| Gene Full Name | thioredoxin domain containing 5 (endoplasmic reticulum)   |
| 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. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene. [provided by RefSeq, Dec 2010] |
| Function       | Possesses thioredoxin activity. Has been shown to reduce insulin disulfide bonds. Also complements protein disulfide-isomerase deficiency in yeast (By similarity). [UniProt]   |
| Research Area  | Cell Biology and Cellular Response antibody; Cell Death antibody; Signaling Transduction antibody   |
| Calculated Mw  | 48 kDa  |

## Images

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ARG55481 anti-TXNDC5 / EndoPDI antibody WB image

Western blot: 25 µg of 293T cell lysate stained with ARG55481 anti-TXNDC5 / EndoPDI antibody at 1:1000 dilution.