



## Rabbit Anti-TXNDC11 antibody

SL11439R

|                               |  |
|-------------------------------|--|
| <b>Product Name:</b>          | TXNDC11  |
| <b>Chinese Name:</b>          | 硫氧还蛋白11抗体  |
| <b>Alias:</b>                 | EF-hand-binding protein 1; EFP1; RGD1307538; Thioredoxin domain-containing protein 11; TXD11_HUMAN; TXNDC11; 2810408E11Rik; AI427833.  |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Mouse,Rat,Dog,Cow,Horse,Sheep,   |
| <b>Applications:</b>          | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 110kDa   |
| <b>Cellular localization:</b> | cytoplasmicThe cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human TXNDC11:601-700/985  |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.                            |
| <b>PubMed:</b>                | <a href="#">PubMed</a>   |
| <b>Product Detail:</b>        | May act as a redox regulator involved in DUOX proteins folding. The interaction with DUOX1 and DUOX2 suggest that it belongs to a multiprotein complex constituting the thyroid H <sub>2</sub> O <sub>2</sub> generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H <sub>2</sub> O <sub>2</sub> generation.<br><b>Function:</b> |

May act as a redox regulator involved in DUOX proteins folding. The interaction with DUOX1 and DUOX2 suggest that it belongs to a multiprotein complex constituting the thyroid H<sub>2</sub>O<sub>2</sub> generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H<sub>2</sub>O<sub>2</sub> generation.

**Subunit:**

Interacts with the cytoplasmic part of DUOX1 and DUOX2. Interacts with TPO and CYBA.

**Subcellular Location:**

Endoplasmic reticulum membrane.

**Tissue Specificity:**

Widely expressed at low level. Expressed at higher level in thyroid and prostate.

**Similarity:**

Belongs to the protein disulfide isomerase family.  
Contains 2 thioredoxin domains.

**SWISS:**

Q6PKC3

**Gene ID:**

51061

**Database links:**

[Entrez Gene: 490003](#)Dog

[Entrez Gene: 100056118](#)Horse

[Entrez Gene: 51061](#)Human

[SwissProt: Q6PKC3](#)Human

[Unigene: 313847](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.