SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-TXNDC11 antibody

**Catalog Number: SL11439R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

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| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | TXNDC11 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human TXNDC11: 601-700/985 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | IHC-P=1:100-500<br>IHC-F=1:100-500<br>ICC/IF=1:100-500<br>IF=1:100-500<br>ELISA=1:5000-10000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | (predicted: Human, Mouse, Rat, Dog, Cow, Horse, Sheep) |
| **Predicted MW.:** | 110kDa |
| **Subcellular Location:** | cytoplasmic The cell membrane |
| **Background:** | 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(2)O(2) generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H(2)O(2) generation.<br>**Function:** 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(2)O(2) generating system. It is however not sufficient to assist DUOX1 and DUOX2 in H(2)O(2) generation.<br>**Subunit:** Interacts with the cytoplasmic part of DUOX1 and DUOX2. |

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

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| | Interacts with TPO and CYBA.<br>**Subcellular Location:** Endoplasmic reticulum membrane.<br>**Tissue Specificity:** Widely expressed at low level. Expressed at higher level in thyroid and prostate.<br>**Similarity:** Belongs to the protein disulfide isomerase family.<br>Contains 2 thioredoxin domains.<br>**Database links:**<br>**Entrez Gene:** 490003 Dog<br>**Entrez Gene:** 100056118 Horse<br>**Entrez Gene:** 51061 Human<br>**SwissProt:** Q6PKC3 Human<br>**Unigene:** 313847 Human |

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