



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TPRX1 polyclonal antibody

Catalog: BS33084

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Tetra-peptide repeat homeobox protein 1: Transcription factor expressed after fertilization required for zygotic genome activation (ZGA), a critical event in early embryonic development during which the developmental control passes from maternally provided mRNAs to the expression of the zygotic genome after fertilization . Binds and activates expression of key ZGA marker genes, such as NANOGNB, ZSCAN4, DUXB, KLF5 and DPPA3 . Binds to regulatory DNA sequences containing a 5'-TAATCC-3' sequence motif

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~40.6 kDa

Swiss-Prot:

Q8N7U7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of TPRX1 protein

DATA:

Western blot analysis of SOD2 expression in Hela (A), HepG2 (B), SHSY5Y (C) whole cell lysates.

Immunohistochemical analysis of SOD2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of MCF7 cells using Anti-SOD2 Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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