10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TPRX1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16916a

Specification

TPRX1 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8N7U7
Other Accession	NP_940881.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**40603**
Antigen Region	**1-30**

TPRX1 Antibody (N-term) - Additional Information

Gene ID 284355

Other Names
Tetra-peptide repeat homeobox protein 1, TPRX1

Target/Specificity
This TPRX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TPRX1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TPRX1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TPRX1 Antibody (N-term) - Protein Information

Name TPRX1 {ECO:0000303|PubMed:36074823, ECO:0000312|HGNC:HGNC:32174}

Function 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 (PubMed:35314832, PubMed:36074823). Binds and activates expression of key ZGA marker genes, such as NANOGNB, ZSCAN4, DUXB, KLF5 and DPPA3 (PubMed:36074823). Binds to regulatory DNA sequences containing a 5'-TAATCC-3' sequence motif (PubMed:36074823).

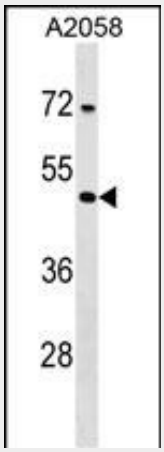
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

TPRX1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TPRX1 Antibody (N-term) - Images



TPRX1 Antibody (N-term) (Cat. #AP16916a) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the TPRX1 antibody detected the TPRX1 protein (arrow).

TPRX1 Antibody (N-term) - Background

Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the TPRX homeobox gene family.

TPRX1 Antibody (N-term) - References

Booth, H.A., et al. Gene 387 (1-2), 7-14 (2007) :