

Rabbit TPRX1 Polyclonal Antibody | anti-TPRX1 antibody

TPRX1 Polyclonal Antibody

CATALOG # AAA291718	HOST Rabbit	APPLICATIONS Immunohistochemistry
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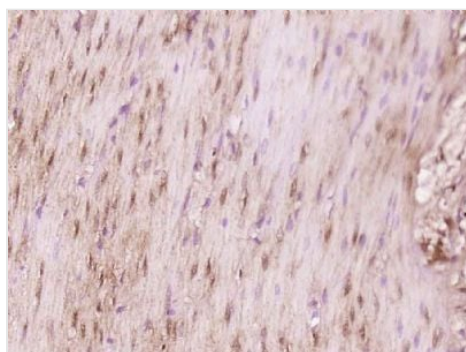
PRODUCT SYNONYMS

TPRX1; Polyclonal Antibody; TPRX1 Polyclonal Antibody; Tetra-peptide repeat homeobox protein 1; anti-TPRX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce
Applicable Applications for anti-TPRX1 antibody	IHC (Immunohistochemistry)
Function	Transcription factor expressed after fertilization required for zygotic genome activation (ZGA), acritical 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:). Binds to regulatory DNA sequences containing a 5'-TAATCC-3' sequence motif (PubMed:).
Cellular location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00108}.
Preparation and Storage	Store at -20 degree for one year. Avoid repeated freeze/thaw cycles. 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 degree

IMAGES



IHC (Immunohistochemistry)

Paraformaldehyde-fixed, paraffin embedded (Human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (TPRX1) Polyclonal Antibody, Unconjugated (bs-17176R) at 1:500 overnight at 4 degree C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72004269
NCBI GeneID	284355
NCBI Accession #	NP_940881.2
NCBI GenBank Nucleotide #	NM_198479.2
UniProt Accession #	Q8N7U7; A5D8Y3; B2RPL5
Molecular Weight	Calculated MW: 40,603 Da
NCBI Official Full Name	tetra-peptide repeat homeobox protein 1
NCBI Official Synonym Full Names	tetra-peptide repeat homeobox 1
NCBI Official Symbol	TPRX1
NCBI Official Synonym Symbols	TPRX
NCBI Protein Information	tetra-peptide repeat homeobox protein 1; CRX like homeobox 2
UniProt Protein Name	Tetra-peptide repeat homeobox protein 1
UniProt Gene Name	TPRX1
UniProt Entry Name	TPRX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tprx1-antibody-immunohistochemistry-elisa/291718>