

## TXND2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15262
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Thioredoxin domain-containing protein 2
<b>Synonyms</b>	Thioredoxin domain-containing protein 2 ;Spermatid-specific thioredoxin-1;Sptrx-1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Probably plays a regulatory role in sperm development. May participate in regulation of fibrous sheath (FS) assembly by supporting the formation of disulfide bonds during sperm tail morphogenesis. May also be required to rectify incorrect disulfide pairing and generate suitable pairs between the FS constituents. Can reduce disulfide bonds in vitro in the presence of NADP and thioredoxin reductase. Contains 1 thioredoxin domain. subcellular location: In ejaculated spermatozoa, it localizes in the caudal region of the head to the end of the principal piece. tissue specificity: Testis-specific. Only expressed during spermiogenesis, prominently in round and elongating spermatids.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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