

## TGM4 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14920
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 160-240
<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>	Protein-glutamine gamma-glutamyltransferase 4
<b>Synonyms</b>	Protein-glutamine gamma-glutamyltransferase 4 ;EC 2.3.2.13;Fibrinolygase;Prostate transglutaminase;Prostate-specific transglutaminase;Transglutaminase P;TG;P;TGP;TGase P;Transglutaminase

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

### Background

Catalytic activity:Protein glutamine + alkylamine = protein N(5)-alkylglutamine + NH(3).,cofactor: Binds 1 calcium ion per subunit.,Associated with the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.,Belongs to the transglutaminase superfamily. Transglutaminase family.,subunit:Homodimer.,tissue specificity:Prostate.,

### 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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)