



Rabbit Anti-Transglutaminase 7 antibody

SL16572R

Product Name:	Transglutaminase 7
Chinese Name:	谷氨酰胺转氨酶7抗体
Alias:	Protein glutamine gamma glutamyltransferase Z; TG(Z); TGase 7; TGase Z; TGM7_HUMAN; TGase7; TGM7; TGMZ; TGZ; transglutaminase Z.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	80kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Transglutaminase 7:651-710/710
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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 °C.
PubMed:	PubMed
Product Detail:	Transglutaminases (TGM; EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. For additional background information on transglutaminases, see TGM1 (MIM 190195).[supplied by OMIM, Jul 2002]

Function:

Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.

Tissue Specificity:

Widely expressed.

Similarity:

Belongs to the transglutaminase superfamily. Transglutaminase family.

SWISS:

Q96PF1

Gene ID:

116179

Database links:

[Entrez Gene: 116179](#) Human

[Entrez Gene: 640543](#) Mouse

[Omim: 606776](#) Human

[SwissProt: Q96PF1](#) Human

[Unigene: 164661](#) Human

[Unigene: 478785](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.