



Datasheet for ABIN719996

anti-Transglutaminase antibody (AA 461-560)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	Transglutaminase
Binding Specificity:	AA 461-560
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Transglutaminase
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Transglutaminase
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Target Details

Abstract: [Transglutaminase Products](#)

Background: Synonyms: LI, KTG, LI1, TGK, ICR2, ARCI1, TGASE, Protein-glutamine gamma-glutamyltransferase K, Epidermal TGase, Transglutaminase K, TG(K), TGase K, Transglutaminase-1, TGase-1, TGM1

Background: Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Responsible for cross-linking epidermal proteins during formation of the stratum corneum.

Gene ID: 7051

UniProt: [P22735](#)

Application Details

Application Notes: ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

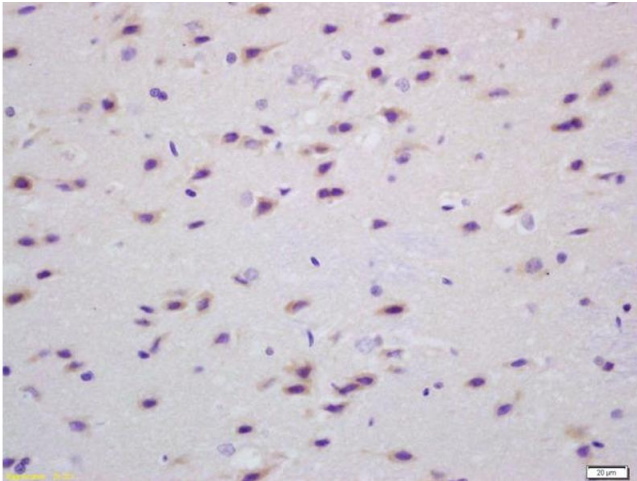
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Xie, Dai, Zhuang, Chai, Xie, Li: "Exogenous hydrogen sulfide promotes cell proliferation and differentiation by modulating autophagy in human keratinocytes." in: **Biochemical and biophysical research communications**, Vol. 472, Issue 3, pp. 437-43, (2016) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti Transglutaminase Polyclonal Antibody (ABIN719996), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining