

Datasheet for ABIN715625

anti-Transglutaminase 2 antibody (AA 551-650) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 551-650
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TGM2.
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2 (TGM2 Products)

Target Details

Background:	Synonyms: TG2, TGC, GNAH, HEL-S-45, G-ALPHA-h, Protein-glutamine gamma-glutamyltransferase 2, Tissue transglutaminase, Transglutaminase C, TG(C), TGase C, Transglutaminase H, TGase H, Transglutaminase-2, TGase-2, TGM2 Background: Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.
Gene ID:	7052
UniProt:	P21980
Pathways:	Tube Formation , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months