

Anti-TGM3 antibody (291-480) (STJ11105361)
STJ11105361

GENERAL INFORMATION

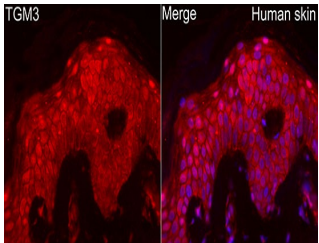
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

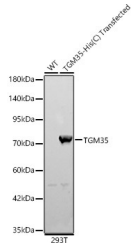
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:5000
Range	IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7053
Gene Symbol	TGM3
Uniprot ID	TGM3_HUMAN
Immunogen	
Immunogen Region	291-480
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 291-480 of human TGM3 (NP_003236.3).
Immunogen Sequence	SRVITNFNSAHDTRNLSVD VYYDPMGNPLDKGSDSVWNF HWWNEGWFVRSDLGPSYGGW QVLDATPQERSQGVFQCGPA SVIGVREGDVQLNFDMPFIF AEVNADRITWLYDNTTGKQW KNSVNSHTIGRYISTKAVGS NARMDVTDKYKYPEGSDQER QVFQKALGKLPNTFFAATS SMLGETEEQE



Immunofluorescence analysis of human skin cells using TGM3 Rabbit polyclonal antibody (STJ11105361) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with TGM3 using TGM3 Rabbit polyclonal antibody (STJ11105361) at 1:2000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: A 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081