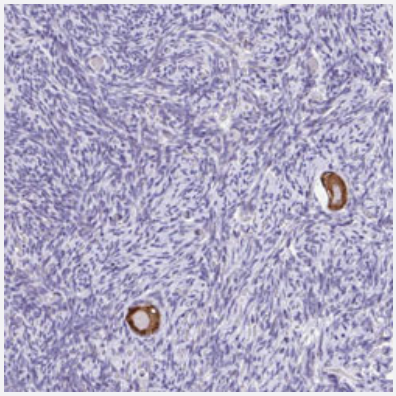
TGM3 polyclonal antibody

Catalog # PAB30377 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovary with TGM3 polyclonal antibody (Cat # PAB30377) shows strong cytoplasmic positivity in follicle cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TGM3.
Immunogen	Recombinant protein corresponding to human TGM3.
Sequence	GSDQERQVFQKALGKLKPNTPFAATSSMGLETEEQEPSIIGKLKVAGMLAVGKEVNLVLLLKNLS RDTKTVTVNMTAWTIIYNGTLVHEVWKDSATMSLDPEEEAEHPIKISYAQYEKYLKSDNMI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — TGM3

Entrez GeneID	7053
Protein Accession#	Q08188
Gene Name	TGM3
Gene Alias	MGC126249, MGC126250, TGE
Gene Description	transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)
Omim ID	600238
Gene Ontology	Hyperlink
Gene Summary	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma gluta myl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, th ey all have the same amino acid sequence at their active sites and their activity is calcium-depen dent. The protein encoded by this gene consists of two polypeptide chains activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle. [provided by RefSeq
Other Designations	OTTHUMP00000030008|TGase E|transglutaminase 3|transglutaminase E

Disease

- Tobacco Use Disorder