Rabbit anti-Human TGM4 Polyclonal Antibody | anti-TGM4 antibody

TGM4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173094	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

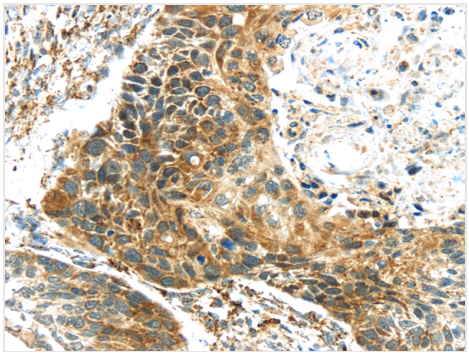
PRODUCT SYNONYMS

TGM4; Polyclonal Antibody; TGM4 Polyclonal Antibody; TGP; hTGP; anti-TGM4 antibody

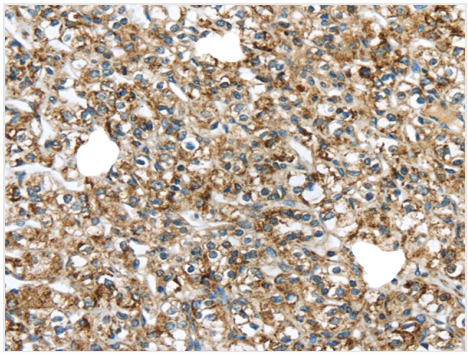
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.1mg/ml (varies by lot)
Sequence Length	684
Applicable Applications for anti-TGM4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fusion protein of human TGM4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55784 / sc-55789 / sc-55791
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer using TGM4 Polyclonal Antibody at dilution of 1/20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human prostate cancer using TGM4 Polyclonal Antibody at dilution of 1/20

ADDITIONAL INFORMATION

Related Product Information for anti-TGM4 antibody	Transglutaminase 4 also known as TGM4, TGP or hTGP, is a typical TGase that is specifically expressed in prostate tissue. TGM4 are intercellularly localizing, Ca2+-dependent enzymes, which catalyze the formation of isopeptide bonds by transferring an amine on to glutaminyl residues, thereby cross-linking glutamine residues and lysine residues in substrate proteins. TGases influence numerous biological processes including blood coagulation, epidermal differentiation, seminal fluid coagulation, fertilization, cell differentiation and apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	649121554
Molecular Weight	77 kDa
NCBI Official Full Name	TGM4, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tgm4-antibody-immunohistochemistry-western-blot-elisa/173094