

TGM7 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3388a**Specification**

TGM7 Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q96PF1
Other Accession	NP_443187.1 , 116179 , 640543 (mouse)
Reactivity	Human, Mouse
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	79941

TGM7 Antibody (internal region) - Additional Information**Gene ID** 116179**Other Names**

Protein-glutamine gamma-glutamyltransferase Z, Transglutaminase Z, TG(Z), TGZ, TGase Z, 2.3.2.13, Transglutaminase-7, TGase-7, TGM7

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TGM7 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TGM7 Antibody (internal region) - Protein Information**Name** TGM7**Function**

Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.

Tissue Location

Widely expressed.

TGM7 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TGM7 Antibody (internal region) - Images



AF3388a (0.1 µg/ml) staining of Mouse Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TGM7 Antibody (internal region) - References

Evolution of transglutaminase genes: identification of a transglutaminase gene cluster on human chromosome 15q15. Structure of the gene encoding transglutaminase X and a novel gene family member, transglutaminase Z. Grenard P, Bates MK, Aeschlimann D, The Journal of biological chemistry 2001 Aug 276 (35): 33066-78. PMID: 11390390