

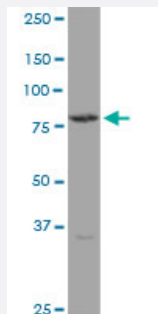
MaxPab®

TGM4 MaxPab mouse polyclonal antibody (B01)

Catalog # H00007047-B01

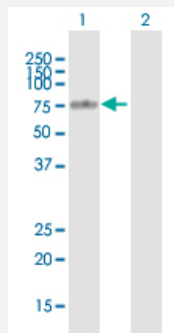
Size 50 uL

Applications



Western Blot (Cell lysate)

TGM4 MaxPab polyclonal antibody. Western Blot analysis of TGM4 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of TGM4 expression in transfected 293T cell line ([H00007047-T02](#)) by TGM4 MaxPab polyclonal antibody.

Lane 1: TGM4 transfected lysate(77.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TGM4 protein.

Immunogen

TGM4 (AAH07003.1, 1 a.a. ~ 684 a.a) full-length human protein.

Sequence	MMDASKELQVLHIDFLNQDNAVSHHTWEFQTSSPVFRRGQVFHLRLVLNQPLQSYHQLKLEFST GPNPSIAKHTLVVLDPRTPSDHYNWQATLQNESGKEVTVAVTSSPNAILGKYQLNVKTGNHILKSE ENILYLLFNPWCKEDMVFMPDEDERKEYLNDTGCHYVGAARSIKCKPWNFGQFEKNVLDCCISL LTESSLKPTDRRDPVLVCRAMCAMMSFEKGQGVLLIGNWTGDYEGGTAPYKWTGSAPILQQYYNT KQAVCFGQCWVFAGILTTVLRALGIPARSVTGFDSAHDTERNLTVDTYVNENGEKITSMTHDSVW NFHVWTDAAWMKRDPDLPGYDQWQAVDATSQERSQGVFCCGPSPLTAIRKGDIFVYDTRFVFSE VNGDRLWLVKMVNGQEELHVISMETTSIGKNISTKAVGQDRRRDITYEYKYPEGSSEERQVMDHA FLLSSEREHRRPVKENFLHMSVQSDDVLLGNSVNFTVILKRKTAALQNVNILGSFELQLYTGKKM AKLCDLNKTSQIQGQVSEVTLTDSKTYINSLAILDDEPVIRGFIAEVESKEIMASEVFTSFQYPEFSI ELPNTGRIGQLLVNCIFKNTLAIPLTVDKFSLESLSLQTSDHGTVQPGETIQSQIKCTPIKTGPK KFVKLSSKQVKEINAQKVLITK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (54); Rat (54)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

TGM4 MaxPab polyclonal antibody. Western Blot analysis of TGM4 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TGM4 expression in transfected 293T cell line ([H00007047-T02](#)) by TGM4 MaxPab polyclonal antibody.

Lane 1: TGM4 transfected lysate(77.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — TGM4

Entrez GeneID [7047](#)

GeneBank Accession#	BC007003.1
Protein Accession#	AAH07003.1
Gene Name	TGM4
Gene Alias	FLJ26776, TGP, hTGP
Gene Description	transglutaminase 4 (prostate)
Omim ID	600585
Gene Ontology	Hyperlink
Other Designations	prostate-specific transglutaminase

Publication Reference

- [Prostate transglutaminase \(TGase-4, TGaseP\) enhances the adhesion of prostate cancer cells to extracellular matrix, the potential role of TGase-core domain.](#)

Jiang WG, Ye L, Sanders AJ, Ruge F, Kynaston HG, Ablin RJ, Mason MD.

Journal of Translational Medicine 2013 Oct; 11(1):269.

Application: WB-Ti, WB-Tr, Human, CA-HPV-10 cells, Prostate