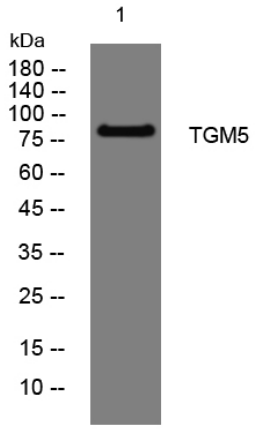
TGM5 rabbit pAb

Catalog No	BYab-11854
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	TGM5 TGMX
Protein Name	TGM5
Immunogen	Synthesized peptide derived from human TGM5 AA range: 448-498
Specificity	This antibody detects endogenous levels of TGM5 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm . Associated with intermediate filaments.
Tissue Specificity	Expressed in foreskin keratinocytes.
Function	catalytic activity:Protein glutamine + alkylamine = protein N(5)-alkylglutamine + NH(3).,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Binds 1 calcium ion per subunit.,disease:Defects in TGM5 are a cause of peeling skin syndrome acral type (APSS) [MIM:609796, 270300]. Peeling skin syndrome (PSS) is an autosomal recessive genodermatosis characterized by the continuous shedding of the outer layers of the epidermis from birth and throughout life. In some cases of PSS, skin peeling is accompanied by erythema, vesicular lesions, or, in rare cases, other ectodermal features, like fragile hair and nail abnormalities. Two main subtypes, noninflammatory type A and inflammatory type B, have been suggested. However, it is clear from the dermatology literature that there are additional subtypes. In some f

Background	This gene encodes a member of the transglutaminase family. The encoded protein catalyzes formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome. [provided by RefSeq, Oct 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night