

Product datasheet

Anti-Transglutaminase 5 antibody ab80907

1 图像

概述

产品名称	Anti-Transglutaminase 5抗体
描述	兔多克隆抗体to Transglutaminase 5
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog 
免疫原	Synthetic peptide: LGVLPQHQA SIILETVPFK SGQRQIQANM RSNKFKDIKG YRNVYVDFAL , corresponding to C terminal amino acids 672-721 of Human Transglutaminase 5, (NP_963925). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	HeLa cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab80907** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

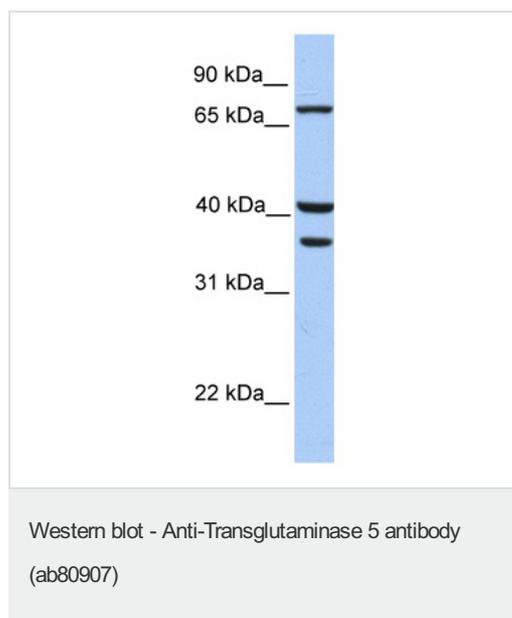
应用	Ab 评论	说明

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WB		Use a concentration of 1 µg/ml. Detects a band of approximately 37, 42, 80 kDa (predicted molecular weight: 80 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay 1/12500.

靶标

功能	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to the formation of the cornified cell envelope of keratinocytes.
组织特异性	Expressed in foreskin keratinocytes.
疾病相关	Defects in TGM5 are a cause of peeling skin syndrome type A (APSS) [MIM:609796]. A non-inflammatory form of peeling skin syndrome, a genodermatosis characterized by the continuous shedding of the outer layers of the epidermis. In APSS patients, skin peeling is strictly limited to the dorsa of the hands and feet, and it is accompanied by painless erythema and spontaneous non-scarring healing. Ultrastructural and histological analysis shows a level of blistering high in the epidermis at the stratum granulosum-stratum corneum junction.
序列相似性	Belongs to the transglutaminase superfamily. Transglutaminase family.
细胞定位	Cytoplasm. Associated with intermediate filaments.

图片



Anti-Transglutaminase 5 antibody (ab80907) at 1 µg/ml + HeLa cell lysate

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 80 kDa

Observed band size: 80 kDa

Additional bands at: 37 kDa, 42 kDa. We are unsure as to the identity of these extra bands.

Gel concentration 12%

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