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Transglutaminase 2 (YD20027) Rabbit mAb

货号: AYD11259

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB: 1:1000-1:10000:** **IHC-P: 1:100-1:200:** **ICC/IF: 1:300-1:3000:**
理论分子量	77kDa
实测分子量	77kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,K-562
细胞定位	Cytoplasm, cytosol, Nucleus, Chromosome, Secreted, extracellular space, extracellular matrix, Cell membrane, Mitochondrion, perinuclear region
纯化	亲和纯化

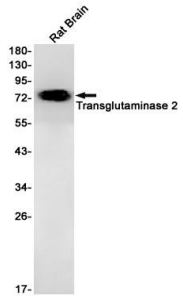
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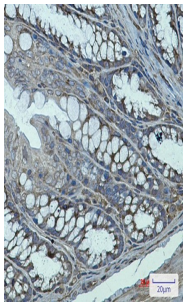
靶点信息

研究背景	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	7052
基因名	TGM2
Swiss	P21980 (https://www.uniprot.org/uniprotkb/P21980/entry)
别名	Transglutaminase 2 (YD20027),Transglutaminase 2 (YD20027) Rabbit mAb,TGM2,Erythrocyte transglutaminase,Heart G alpha(h),Isopeptidase TGM2,Protein G alpha(h),Protein-glutamine deamidase TGM2,Protein-glutamine dopaminyltransferase TGM2,Protein-glutamine histaminyltransferase TGM2

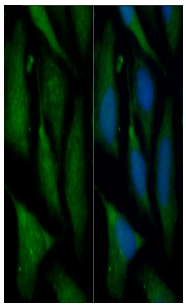
产品验证



Western blot analysis of extracts from Rat brain tissue using AYD11259 at 1:1000.



Immunohistochemical analysis of paraffin-embedded mouse colon using AYD11259 antibody.



Immunofluorescence analysis of HeLa cells labelling Transglutaminase 2 with The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Transglutaminase 2 (1:2000) at room temprature for 1 h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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