

Recombinant

DGRmAb®

Transglutaminase 2 (DGR20027) Rabbit mAb

db11259

Package : 10µL 20µL 50µL 100µL

Product Name : Transglutaminase 2 (DGR20027) Rabbit mAb**Cat.No.:** db11259**Synonyms** : TGC; TG(C)**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Transglutaminase 2

Gene ID

7052

Swiss Prot

P21980

Synonyms

TGC; TG(C)

Reactivity

Human,Mouse

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

ICC/IF: 1:2000-1:10000

Calculated MW

77 kDa

Observed MW

77 kDa

Host species

Rabbit

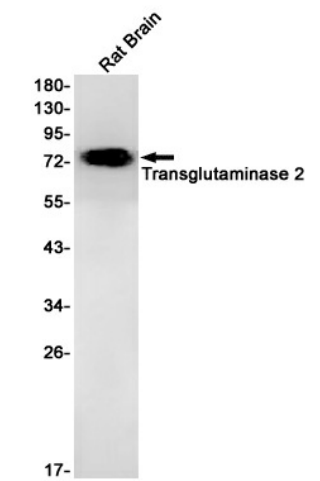
Clonality

Monoclonal

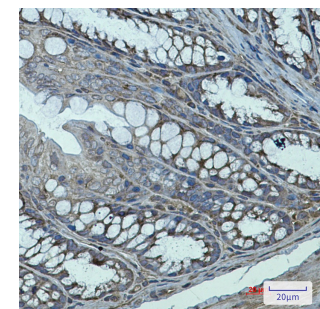
Clonality No.

DGR20027

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Transglutaminase 2 in Rat Brain lysates using Transglutaminase 2 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded mouse colon using db11259 antibody.