

## Transglutaminase 2 Recombinant Rabbit mAb

Catalog: BS47212

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Transglutaminases are enzymes that catalyze the cross-linking 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]

### Product:

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.

### Molecular Weight:

77 kDa

### Swiss-Prot:

P21980

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:2000-1:10000 IHC: 1:50 IP: 1:20

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



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

### Note:

For research use only, not for use in diagnostic procedure.

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