bs-1911R **[Primary Antibody]**

TGM3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 7053 **SWISS:** Q08188

Target: TGM3

Immunogen: KLH conjugated synthetic peptide derived from human TGM3: 601-693/693.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. Transglutaminase 3 consists of two polypeptide chains activated from a single precursor protein by proteolysis. Transglutaminase 3 is involved the later stages of cell envelope formation in the epidermis and hair follicle.

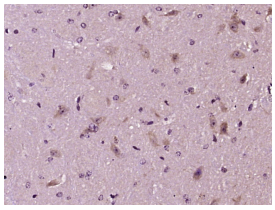
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Cow, Dog, Horse)

Predicted MW.: 25/76 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TGM3) Polyclonal Antibody, Unconjugated (bs-1911R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=2.47]** Kawabe, Kenji, et al. "Transglutaminases Derived from Astrocytes Accelerate Amyloid β Aggregation." Neurochemical Research: 1-8. Other ;="Rat". 28391388

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.