

# Product Data Sheet



Product number **A156**  
Revision number **RN3.0**

**Product Name** Polyclonal antibody to human neuronal transglutaminase (TG6)

⇒ **Polyclonal antibody to human TG6 A156 replaces Polyclonal antibody A017 which is sold out**

**Host** Rabbit

**Immunogen** Human neuronal transglutaminase (full-length protein with N-terminal hexahistidin-tag) recombinantly produced in insect cells

**Amount** 250 µg protein A-purified IgG

**Formulation** The antibody is lyophilized from 250 µL 10 mM sodium phosphate buffer pH 8.1, 150 mM NaCl, 2 mg/mL human serum albumin, azide free.

**Specificity** A156 is specific to human TG6.  
Specificity of A156 was determined with human transglutaminases (TG1 – TG7, FXIII) with ELISA technique.

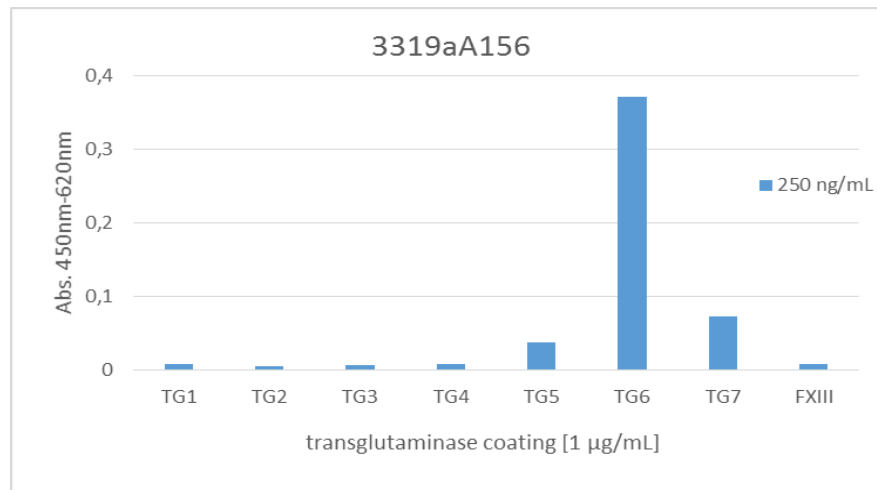


Figure: Equal amounts of transglutaminases were coated on MTP, A156 was diluted to 250 ng/mL. The ELISA reveals that A156 has slight cross reactivity to human transglutaminase 5 and human transglutaminase 7.

**Working dilutions** Optimal dilutions should be determined by the end user.  
E.g. for Western-Blotting: 1 / 500 to 1 / 5,000 should be suitable

**Storage** Stable for a minimum of 2 years at –20°C as lyophilized powder

***Delivery at ambient temperature is possible***

**Reference(s)** Tripathy et al., Hum. Mol. Genet. 2017, 26:3749-62;  
Schulze-Krebs et al., Brain Res. 2016, 1631:22-33

**Related products** A031 FITC-labelled polyclonal antibody to human TG6  
T021 Human neuronal transglutaminase

**Release date** 21 August 2023

**NOTE** INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.