

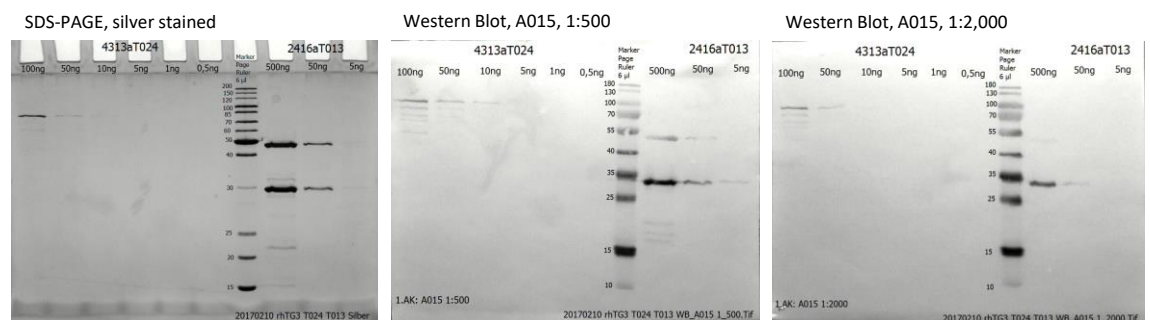
Product number **A015**  
Revision number **RN4.0**

**Product Name** Polyclonal antibody to human epidermal transglutaminase (TG3)  
**Host** Rabbit  
**Immunogen** Human epidermal transglutaminase (full length protein with N-terminal hexahistidin-tag) recombinantly produced in insect cells  
**Amount** 500 µg purified IgG  
**Formulation** The antibody is lyophilized from 280 µL 0.02 M Tris-HCl buffer pH 8.0, 0.028 M NaCl, 2 mg/mL human serum albumin, azide free.  
**Working dilutions** Optimal dilutions should be determined by the end user.  
 E. g. for Western-Blotting: 1 / 500 to 1 / 2,000 should be suitable  
**Sensitivity** Sensitivity was determined by analysing human TG3, recombinantly produced in insect cells (T024) and Dispase activated human TG3, recombinantly produced in insect cells (T013) with SDS-PAGE and Western Blot.

Immunostaining using A015 in the following dilutions:

1:500:            5 ng for T013            10 ng for T024  
 1:2000:        50 ng for T013 and T024

Differences T013:T024 may be due to reduced blotting efficiency at higher molecular weight.



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

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

**Reference(s)** Hietikko et al., Acta. Derm. Venereol. 2018, 98:366-72;  
 Algarni et al., Biochem. Pharmacol. 2017, 128:55-73;  
 Fischer et al., J. Invest. Dermatol. 2013, 133:1170-7

**Related products** A030 FITC-labelled polyclonal antibody to human TG3  
 T024 Human epidermal transglutaminase

**Release date** 22 November 2021

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