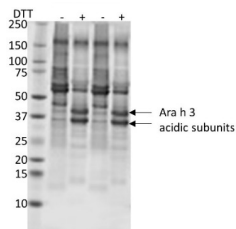


Product no **AS09 566****Peanut protein****Product information**

Immunogen	Arachis hypogaea protein extract
Host	Chicken
Clonality	Polyclonal
Purity	Immunogen affinity purified IgY in PBS pH 7.2. Contains 0.075 % sodium azide.
Format	Liquid
Quantity	100 µg
Storage	Store at -20 °C; make aliquots to avoid working with a stock. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Additional information | Antibodies were purified on immobilized peanut proteins**Application information****Recommended dilution** | 2- 5 µg/ml (ELISA), 0,1-1 µg/ml (WB)**Confirmed reactivity** | Peanut proteins**Predicted reactivity** | Peanut proteins**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known

Thirty (30) µg of total protein extracted freshly from defatted lightly roasted peanut flour with borate buffered saline (BBS) solution (100 mM H₃BO₄, 25 mM Na₂B₄O₇, 75 mM NaCl, and pH 8.6) for 1 hr with constant stirring at 4 °C. Samples were denatured with NuPAGE™ LDS sample buffer containing 50 mM DTT at a 1:4 (v/v) ratio and incubation at 70 °C for 5 min. Samples were separated on Novex™ 10-20% Tricine Protein Gels and blotted 7 minutes to nitrocellulose using iBlot dry transfer system. The blot was blocked with 5% milk for 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1,000 for 1h/RT with agitation in TBS-T with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed 3 times for 5 min in TBS-T at RT with agitation. The blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated [AS10 1489](#)) diluted to 1:25,000 in TBS-T for 1h/RT with agitation. The blot was washed as above and developed for 5 min with [AgriseraECLBright](#). Images of the blots were collected using a CCD imager and Quantity One software (Bio-Rad). Exposure time was 20 seconds.