Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS16 3977

Ara h1, clone 17

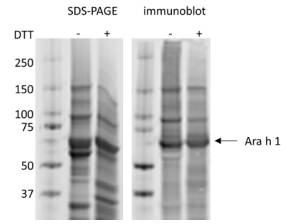
Product information

Immunogen	Recombinant peanut allergen Ara h1, UniProt: P43237, amino acid 26-216.
Host	Rabbit
Clonality	Polyclonal
Purity	Total IgG. Protein G purified.
Format	Liquid
Quantity	50 µg
Storage	Store at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. 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	Antibody solution contains: 50% Glycerol, 0,01M PBS, PH 7,4 and 0,03% Proclin 300

Application information

Recommended dilution	1 : 320 000 (i-ELISA), 1: 1000 (WB)
Expected | apparent MW	70 kDa
Confirmed reactivity	*Arachis hypogaea*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody cross reactivity to Ara h2 or Ara h3 has not been tested

Application example



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 in phosphate buffered saline (pH 7.4) with 0.1% tween-20 (PBST) for 1h/RT with agitation. The blot was incubated in the primary antibody at a dilution of 1: 1,000 for 1h/RT with agitation in PBS-T with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed 3 times with 10mL for 5 min in PBST at RT with agitation. The blot was incubated with Donkey anti-Rabbit IRDye 680RD secondary antibody (LI-COR, Nebraska, US) diluted to 1:10,000 in PBST for 1h/RT with agitation. The blot was washed as above, scanned on a LI-COR Odyssey, and images were collected with the 680nM channel.