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Product no AS12 1864A

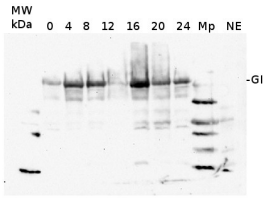
Anti-GI | Gigantea

Product information

Immunogen	KLH-conjugated peptide derived from protein sequence of *Arabidopsis thaliana* GI, UniProt:Q9SQI2,TAIR: AT1G22770
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted 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.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	127.9 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica campestris, Chrysanthemum morifolium, Dimocarpus longan, Festuca patensis, Gentiana triflora, Glycine soja, Hordeum vulgare, Liriodendron tulipifera, Lolium perenne, Lotus japonicus, Medicago truncatula, Plantago major, Populus balsamifera, Prunus dulcius, Ricinus communis, Secale cereale, Solanum tuberosum, Theobroma cacao, Triticum aestivum* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known



50 µg of total protein from *Arabidopsis thaliana* extracted with TRIZOL protocol and finally dissolved in buffer E (Martínez-García et al., 1999, Plant J 20:251-7), was denatured with SDS at 95 C for 5 min, were separated on 12% (w/v) acrylamide/bis-acrylamide SDS-PAGE and blotted 10 mins to nitrocellulose using semi-dry tank transfer. Blots were blocked with 5% (w/v) skimmed milk in TBSt (Tris-Buffer Saline + 0.1% (v/v) tween-20) for 2h at room temperature (RT) with agitation. TBSt Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 2h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly, then washed 4 times for 15 min in TBSt at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in TBSt for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL (Life Science). Exposure time was continuous for 10 mins in a CCD camera. The image was taken after 5 min exposure.

Courtesy of Dr. Federico Valverde Albacete, CSIC, Spain