

Anti-Ribulose biphosphate carboxylase small subunit, chloroplastic antibody

Catalog: PHY6623

Product Information

Description:	Rabbit polyclonal antibody
Background:	Zm00001d052595
Synonyms:	RBCS, RbcS, RuBisCO small subunit
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Zea mays</i> RBCS (Zm00001d052595).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitute with 150 µL of sterile 1×PBS (pH 7.4) containing 30–40% glycerol. If glycerol is incompatible with your applications, use 1×PBS alone and use the reconstituted antibody promptly. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	19 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Zea mays</i> , <i>Abrus precatorius</i> , <i>Acacia crassicarpa</i> , <i>Acer negundo</i> , <i>Acer saccharum</i> , <i>Aegilops tauschii subsp. strangulata</i> , <i>Amborella trichopoda</i> , <i>Arachis duranensis</i> , <i>Arachis hypogaea</i> , <i>Arctium lappa</i> ,

Research Use Only

Avena sativa, Bauhinia variegata, Betula pendula, Buddleja alternifolia, Canavalia gladiata, Cannabis sativa, Capsicum annuum, Carnegiea gigantea, Castilleja foliolosa, Centaurea solstitialis, Cephalotus follicularis, Ceratodon purpureus, Chara braunii, Cichorium intybus, Cinnamomum micranthum f. kanehirae, Citrullus colocynthis, Citrus clementina, Citrus sinensis, Clitoria ternatea, Corchorus capsularis, Corchorus olitorius, Crotalaria pallida, Cucumis melo, Cucumis sativus, Deinandra increscens subsp. villosa, Dendrobium catenatum, Dendrobium chrysotoxum, Dendrobium nobile, Dendrobium thyrsiflorum, Digitaria exilis, Dillenia turbinata, Dioscorea alata, Dioscorea cayennensis subsp. rotundata, Dioscorea zingiberensis, Diphasiastrum complanatum, Dipteronia dyeriana, Dipteronia sinensis, Ensete ventricosum, Escallonia herrerae, Eucalyptus grandis, Gossypium australe, Gossypium davidsonii, Gossypium hirsutum, Gossypium klotzschianum, Gossypium laxum, Helianthus annuus, Hevea brasiliensis, Hibiscus sabdariffa, Ilex paraguariensis, Iris pallida, Kingdonia uniflora, Linum trigynum, Liquidambar formosana, Lithospermum erythrorhizon, Malus baccata, Malus domestica, Malus sp., Manihot esculenta, Marchantia polymorpha, Marchantia polymorpha subsp. ruderalis, Melia azedarach, Mesembryanthemum crystallinum, Mikania micrantha, Morus notabilis, Musa balbisiana, Musa troglodytarum, Nelumbo nucifera, Nepenthes gracilis, Oryza brachyantha, Oryza meridionalis, Oryza punctata, Panicum virgatum, Papaver somniferum, Persea americana, Physcomitrium patens, Pisum sativum, Populus alba, Populus deltoides, Populus tomentosa, Prunus avium, Prunus dulcis, Prunus persica, Prunus yedoensis var. nudiflora, Punica granatum, Pyrus pyrifolia, Pyrus ussuriensis x Pyrus communis, Quillaja saponaria, Rehmanna glutinosa, Rhamnella rubrinervis, Riccia fluitans, Riccia sorocarpa, Ricinus communis, Salix koriyanagi, Salix purpurea, Salix udensis, Salix viminalis, Salvia splendens, Senna tora, Smallanthus sonchifolius, Solanum stoloniferum, Sphagnum jensenii, Sphagnum troendelagicum, Spirodela intermedia, Stephania japonica, Streptomyces griseicoloratus, Striga asiatica, Stylosanthes scabra, Tagetes erecta, Trema orientale, Triticum aestivum, Triticum turgidum subsp. durum, Triticum urartu, Vaccinium darrowii, Vanilla planifolia, Xanthoceras sorbifolium, Ziziphus jujuba.

For more species homologues information, please contact tech support at tech@phytoab.com.