

# Anti-Peroxisomal ATPase PEX6 antibody

Catalog: PHY7130S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	PEX6 is an apparent ATPase similar to yeast and human protein required for peroxisomal biogenesis. It may facilitate recycling of PEX5, the peroxisomal matrix protein receptor, and thereby promote peroxisomal matrix protein import.
<b>Synonyms:</b>	PEX6, PEROXIN 6
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PEX6 (AT1G03000).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	Reconstitution with 150 µl of sterile water. "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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	103 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Chlamydomonas reinhardtii</i> , <i>Vitis</i>

Research Use Only

*vinifera*, *Glycine max*, *Medicago truncatula*, *Populus trichocarpa*,  
*Spinacia oleracea*, *Gossypium raimondii*, *Solanum lycopersicum*,  
*Nicotiana tabacum*, *Solanum tuberosum*, and 80-99% homologues  
with the sequence in *Physcomitrium patens*, *Zea mays*, *Triticum*  
*aestivum*, *Oryza sativa*, *Setaria viridis*, *Panicum virgatum*, *Hordeum*  
*vulgare*, *Sorghum bicolor*.

For more species homologues information, please contact tech  
support at [tech@phytoab.com](mailto:tech@phytoab.com).