

# Anti-ER lumen protein-retaining receptor B antibody

Catalog: PHY1460S

## Product Information

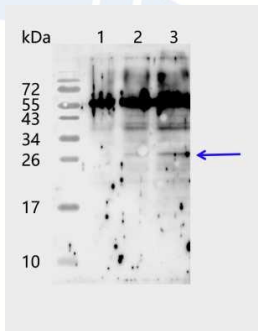
<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	ER lumen protein-retaining receptor B determines the specificity of the luminal endoplasmic reticulum protein retention system. It is required for the retro-transport of calreticulin-3 (CRT3) from the Golgi to the ER.
<b>Synonyms:</b>	ERD2B, ENDOPLASMIC RETICULUM RETENTION DEFECTIVE 2B
<b>Immunogen:</b>	KLH-conjugated synthetic peptide of ERD2B protein derived from <i>Arabidopsis thaliana</i> AT3G25040.
<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 150µl 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>Applications:</b>	Western Blot (1:1000-1:2000)  Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected Results:</b>	26 / 27 kDa
<b>Confirmed Reactivity:</b>	<i>Arabidopsis thaliana</i>
<b>Predicted Reactivity:</b>	For more species homologues information, please contact tech support at <a href="mailto:tech@phytoab.com">tech@phytoab.com</a> .

Research Use Only

## Application Example



Lane 1: 20 µg soluble protein from *Arabidopsis thaliana* leaf.

Lane 2: 40 µg soluble protein from *Arabidopsis thaliana* leaf.

Lane 3: 80 µg soluble protein from *Arabidopsis thaliana* leaf.

**Electrophoresis:** 15% SDS-Urea-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

**Blocking:** 5% skim milk at RT or 4°C for 1 h.

**PHY1460S**

**Primary antibody:** 1:1000 dilution overnight at 4°C.

**Secondary antibody:** 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

**Detection:** using chemiluminescence substrate and image were captured with CCD camera.