

Anti-Tetraspanin-8 antibody

Catalog: PHY1491S

Product Information

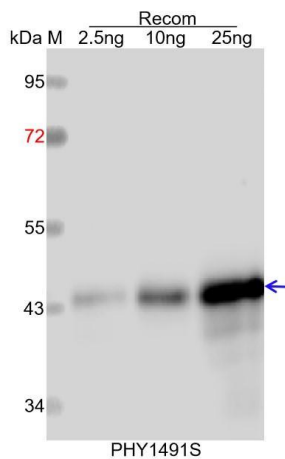
Description:	Rabbit polyclonal antibody
Background:	Tetraspanins are a distinct class of conserved integral proteins. In the Arabidopsis, 17 tetraspanin proteins are identified. They are expressed in different organs/tissues and cell types during embryonic and vegetative development. And the onset of expression coincided with the onset of patterning and cell specification in globular and heart stage embryos (TET1 (AT5G46700), TET3 (AT3G45600), TET4 (AT5G60220), TET5 (AT4G23410), TET8 (AT2G23810), TET10 (AT1G63260), TET13 (AT2G03840), TET14 (AT2G01960), and TET15 (AT5G57810)) and in seedlings at the initiation of the stomatal cell lineage (TET2 (AT2G19580)) or at the asymmetric division in the primary root pericycle upon lateral root initiation (TET13).
Synonyms:	TET8, TETRASPANIN8
Immunogen:	KLH-conjugated synthetic peptide (17 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> TET8 (AT2G23810).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	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".
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.

Research Use Only

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000)
	Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	31 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 44 kDa.

Electrophoresis: 12% SDS-PAGE

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

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

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.